



tii technologies

# Communication PRODUCTS

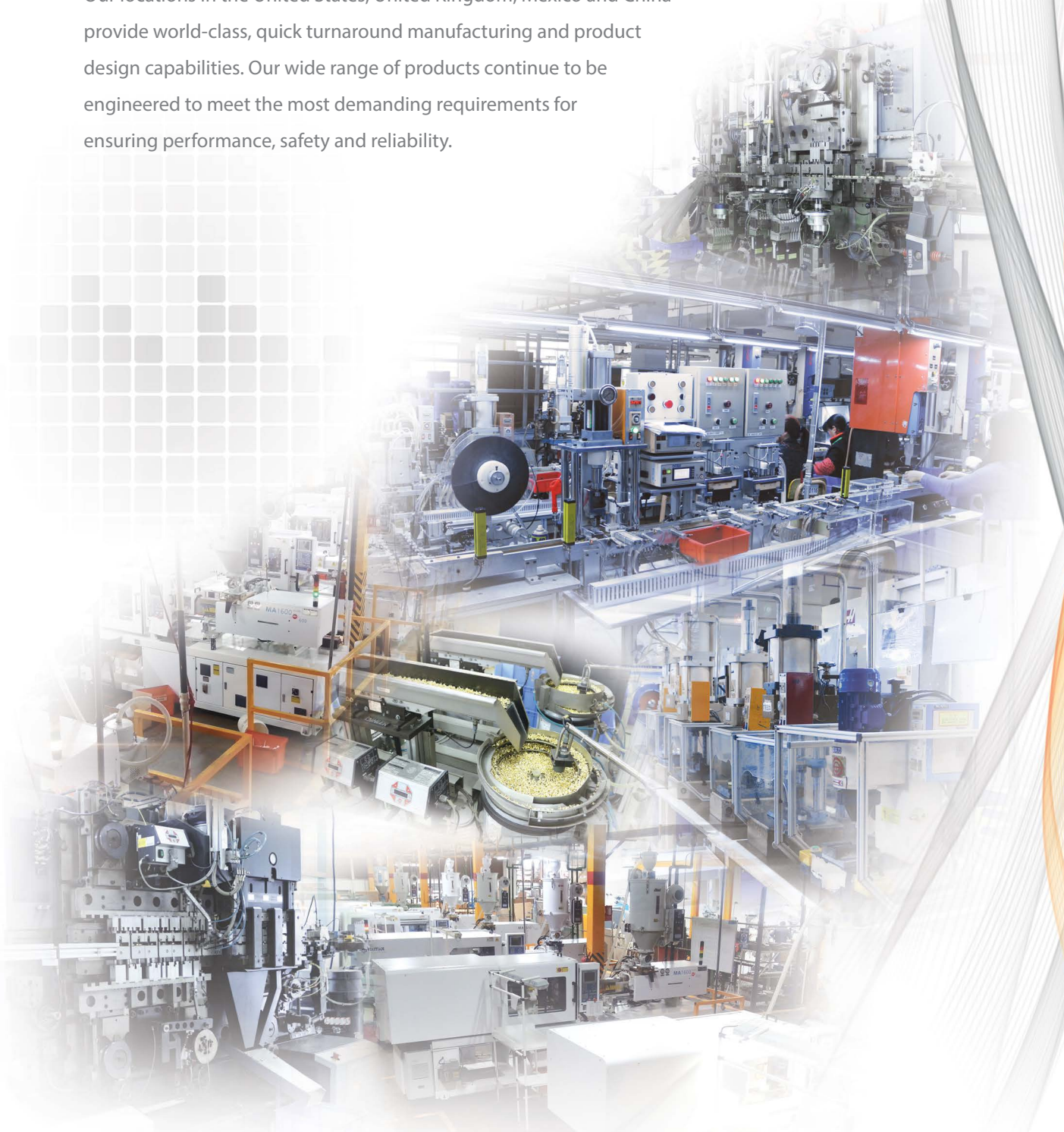




# An Unwavering Mission in a Changing World

## *For 50 years,*

Tii's mission has been to develop and deliver innovative solutions to meet the changing needs of the communications industry. Our steadfast commitment to product development is what continues to drive our worldwide presence as a leading provider of telecommunication products for public and private networks. Our locations in the United States, United Kingdom, Mexico and China provide world-class, quick turnaround manufacturing and product design capabilities. Our wide range of products continue to be engineered to meet the most demanding requirements for ensuring performance, safety and reliability.



# Table of Contents

## Fiber Optics

|   |       |
|---|-------|
| Fiber Entrance Terminals (FET Series) .....     | 14-15 |
| Interface Devices/Slack Storage Units .....     | 16    |
| Fiber Distribution Hubs (FDH Series) .....      | 17    |
| Fiber Distribution Terminals (FDT Series) ..... | 18    |
| Slim Patch .....                                | 18    |
| Distribution Enclosures (CCP Series) .....      | 19    |
| Wallmount Enclosures .....                      | 20-21 |
| Rackmount Enclosures/Brackets .....             | 22-23 |
| Stubbed Housings .....                          | 23    |
| TSL Series .....                                | 24    |
| MAMU Series .....                               | 25    |
| Data Center Products .....                      | 26-27 |
| Modular Protector Panel (MPP) .....             | 28    |
| Adapter Plates .....                            | 29    |
| Simplex/Duplex Jumpers .....                    | 30-31 |
| Custom Fiber Assemblies .....                   | 32-34 |
| Pigtails .....                                  | 35    |
| Splitters .....                                 | 36    |
| Accessories .....                               | 37-39 |
| Test Equipment .....                            | 40    |
| FSD/FTTA Series Dome Enclosures .....           | 41    |

## BETs

|                                 |       |
|---------------------------------|-------|
| 24 Series BETs .....            | 42-44 |
| 25 Series BETs .....            | 45-46 |
| 26 Series BETs .....            | 47    |
| XL BETs .....                   | 48    |
| Indoor Fixed BETs .....         | 49    |
| Outdoor Fixed BETs .....        | 50    |
| CAT5/CAT6 Protector Packs ..... | 51    |

## NIDs

|  |       |
|--|-------|
| Network Interface Devices (NIDs) ..... | 52-59 |
| CBMs .....                             | 60-61 |

## Overvoltage Surge Protection

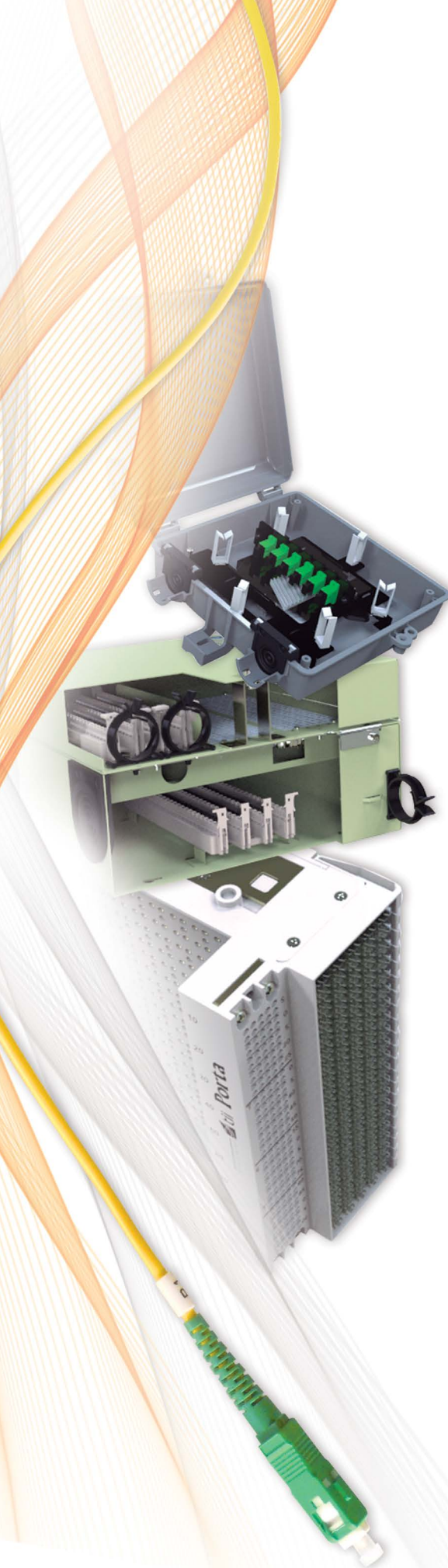
|                                  |       |
|----------------------------------|-------|
| Coax Protectors .....            | 62-64 |
| Protector Packs .....            | 65    |
| Protector Modules .....          | 66-70 |
| Rackmount Protector Panels ..... | 71    |
| Protector Blocks .....           | 72    |
| Station Protectors .....         | 73-81 |

## DSL/ Broadband

|                           |       |
|---------------------------|-------|
| Splitters & Filters ..... | 82-87 |
| DSL .....                 | 88-89 |
| Electronics .....         | 90    |
| Surge Arresters .....     | 90-91 |
| Accessories .....         | 91    |

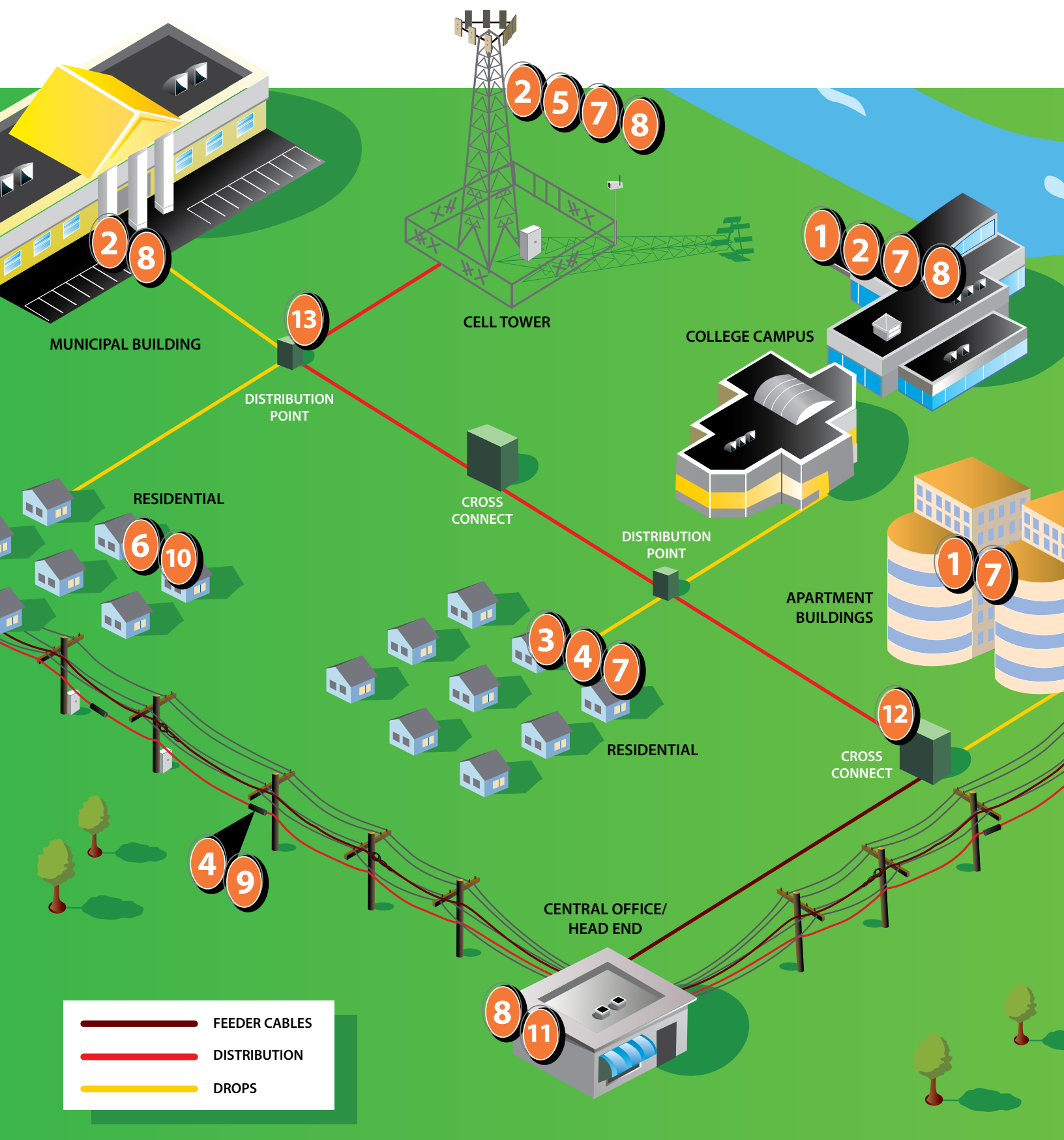
## Connectivity Products

|                            |         |
|----------------------------|---------|
| OSP Connector Blocks ..... | 92-94   |
| Terminal Blocks .....      | 95-96   |
| Jack Test Block .....      | 97      |
| Aerial Terminals .....     | 98-101  |
| Wire Terminals .....       | 102-111 |
| VoIP .....                 | 112-116 |

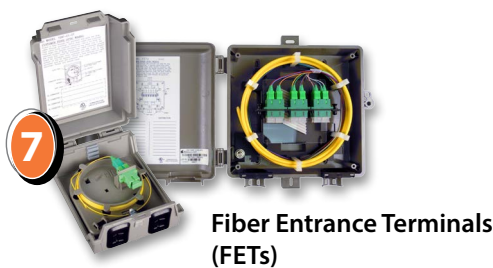
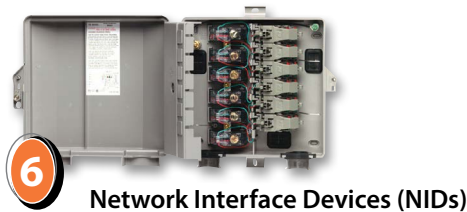
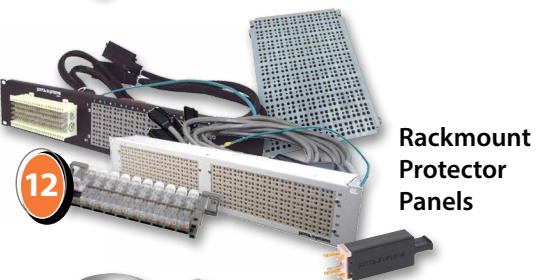
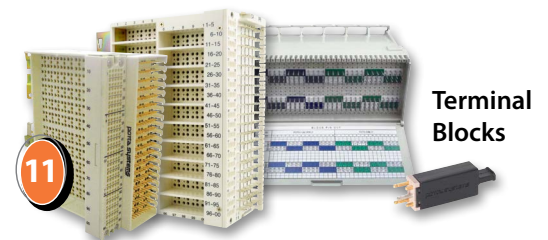
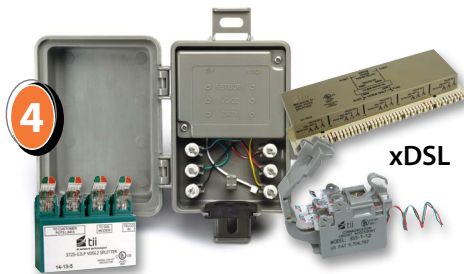
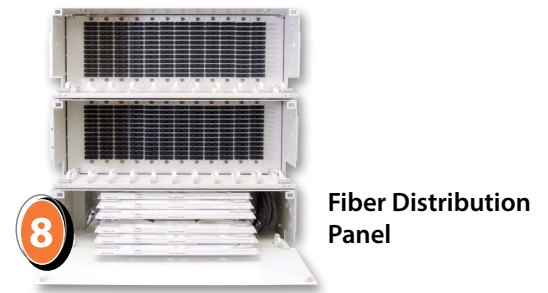
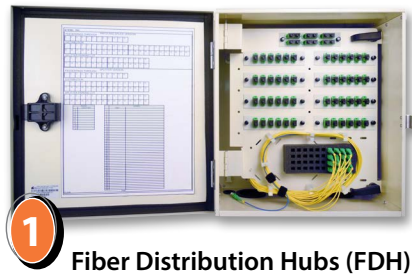




# Outside Plant

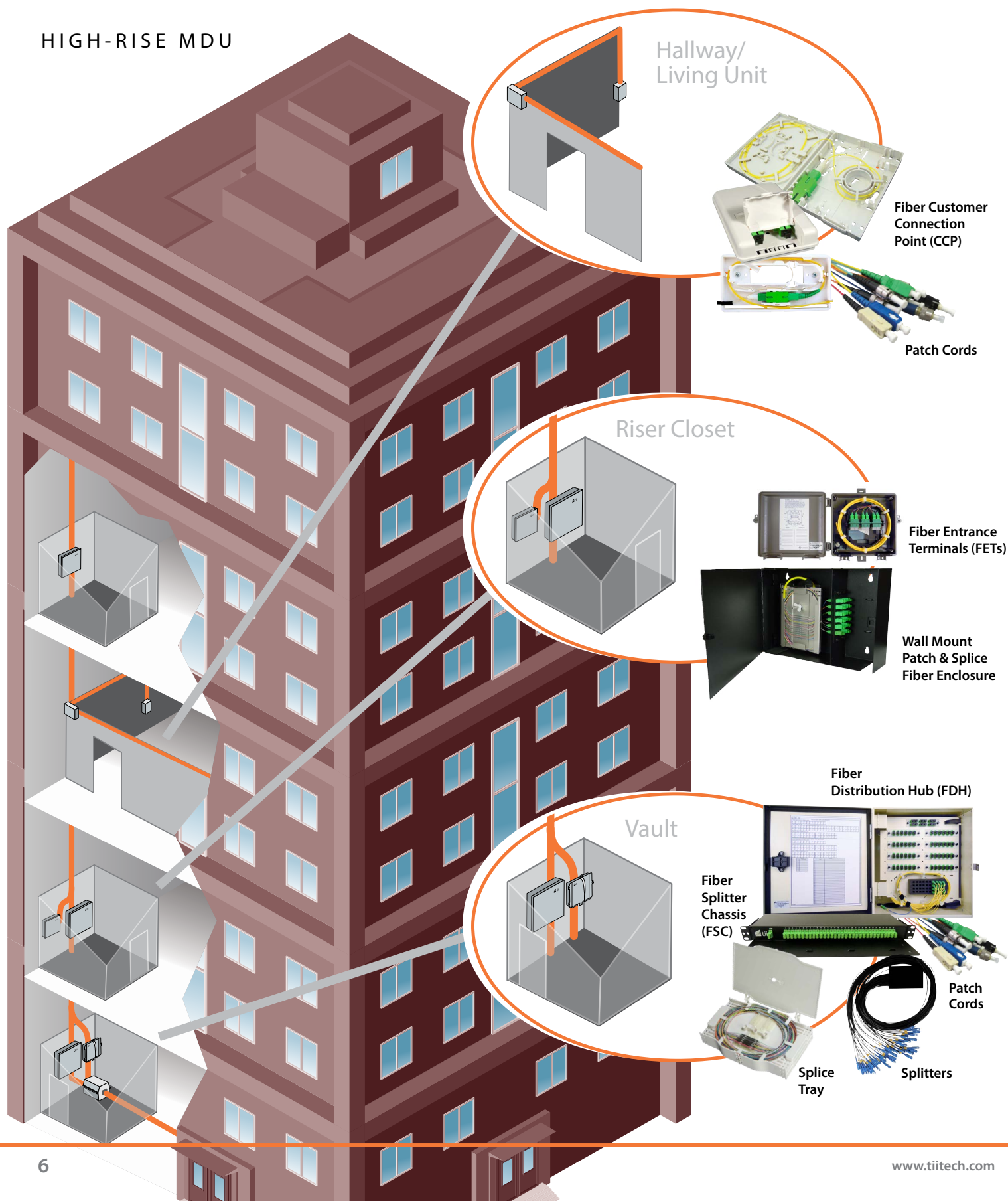






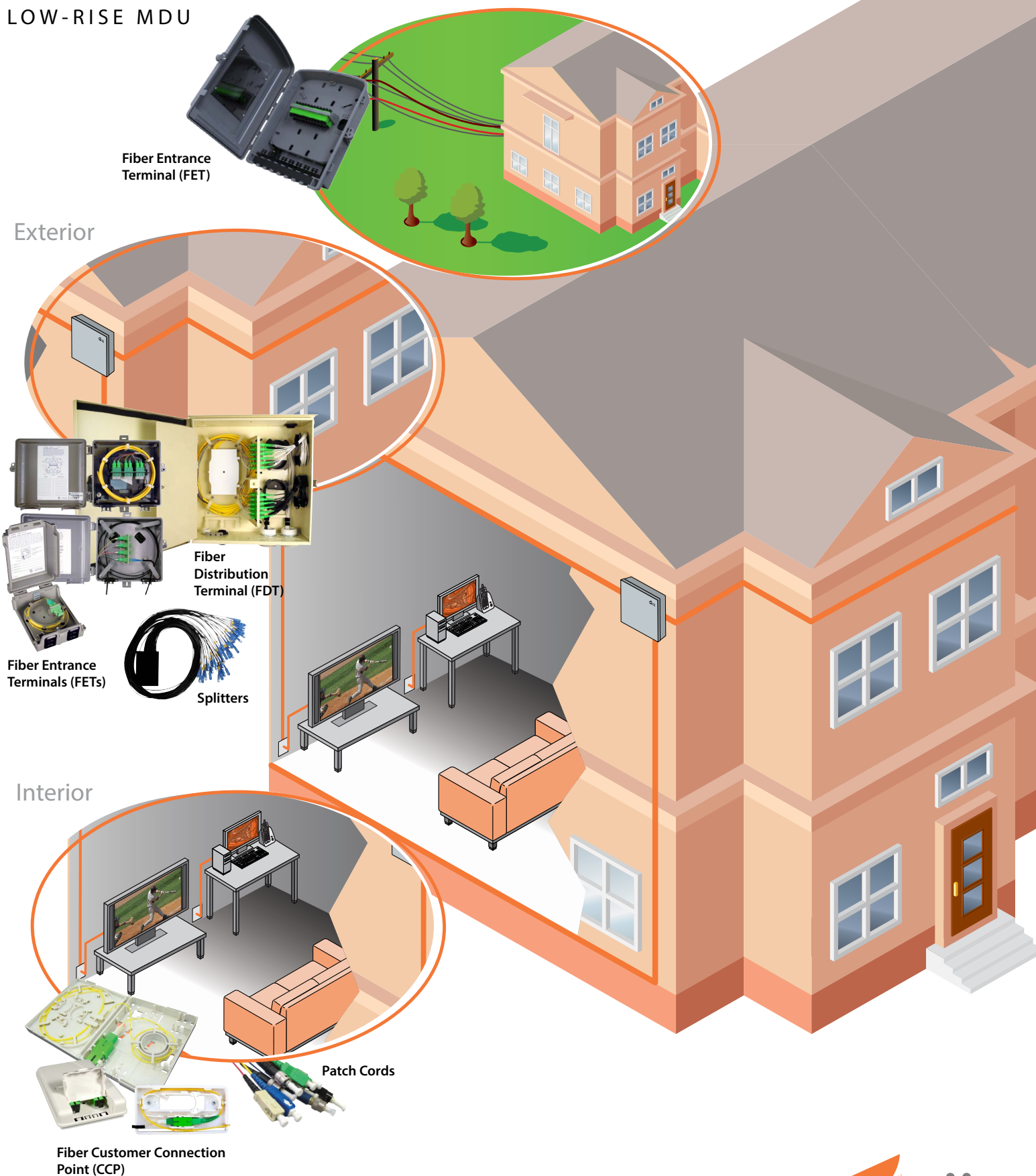
# Multi-Dwelling Units

## HIGH-RISE MDU



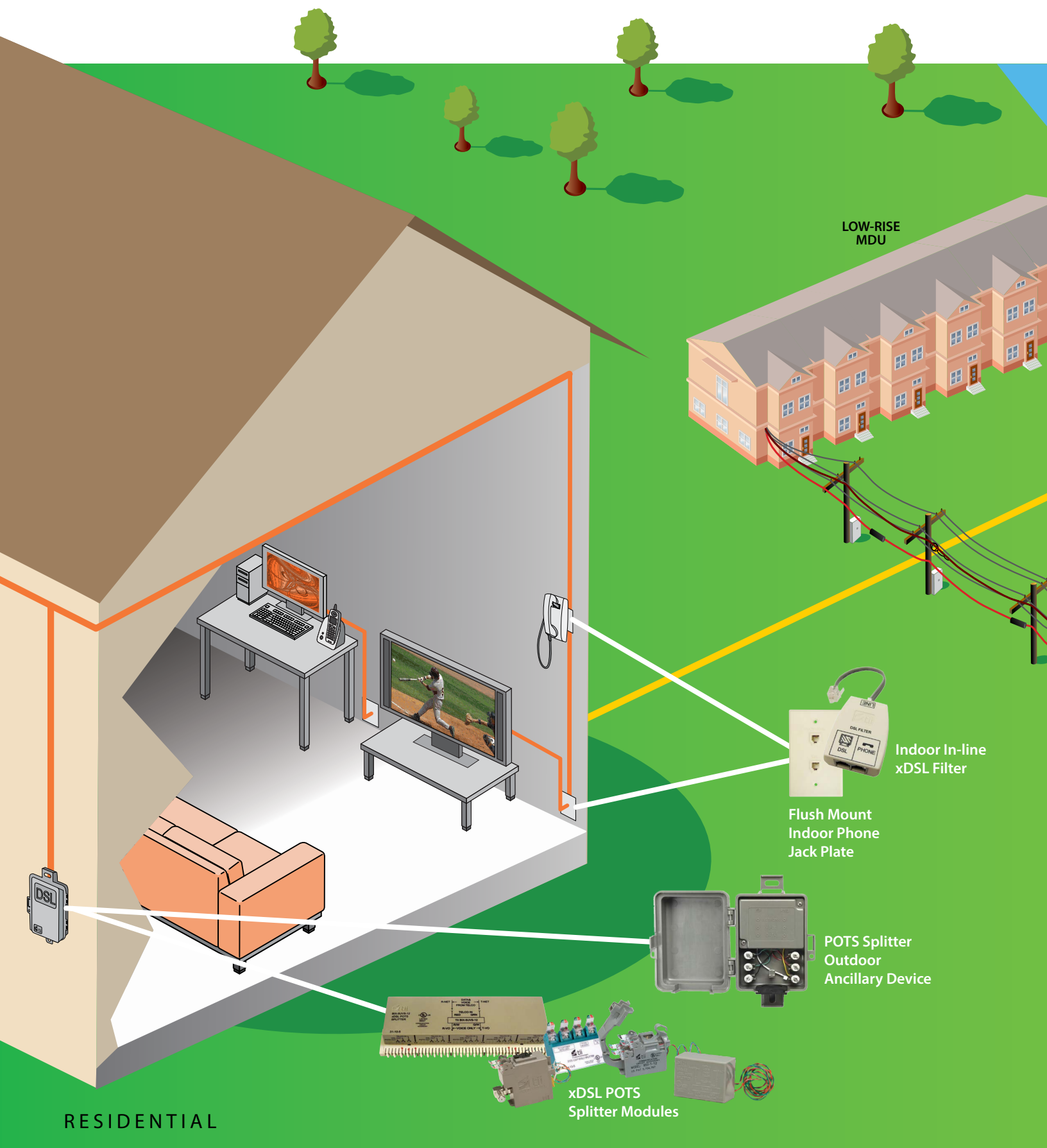


## LOW-RISE MDU



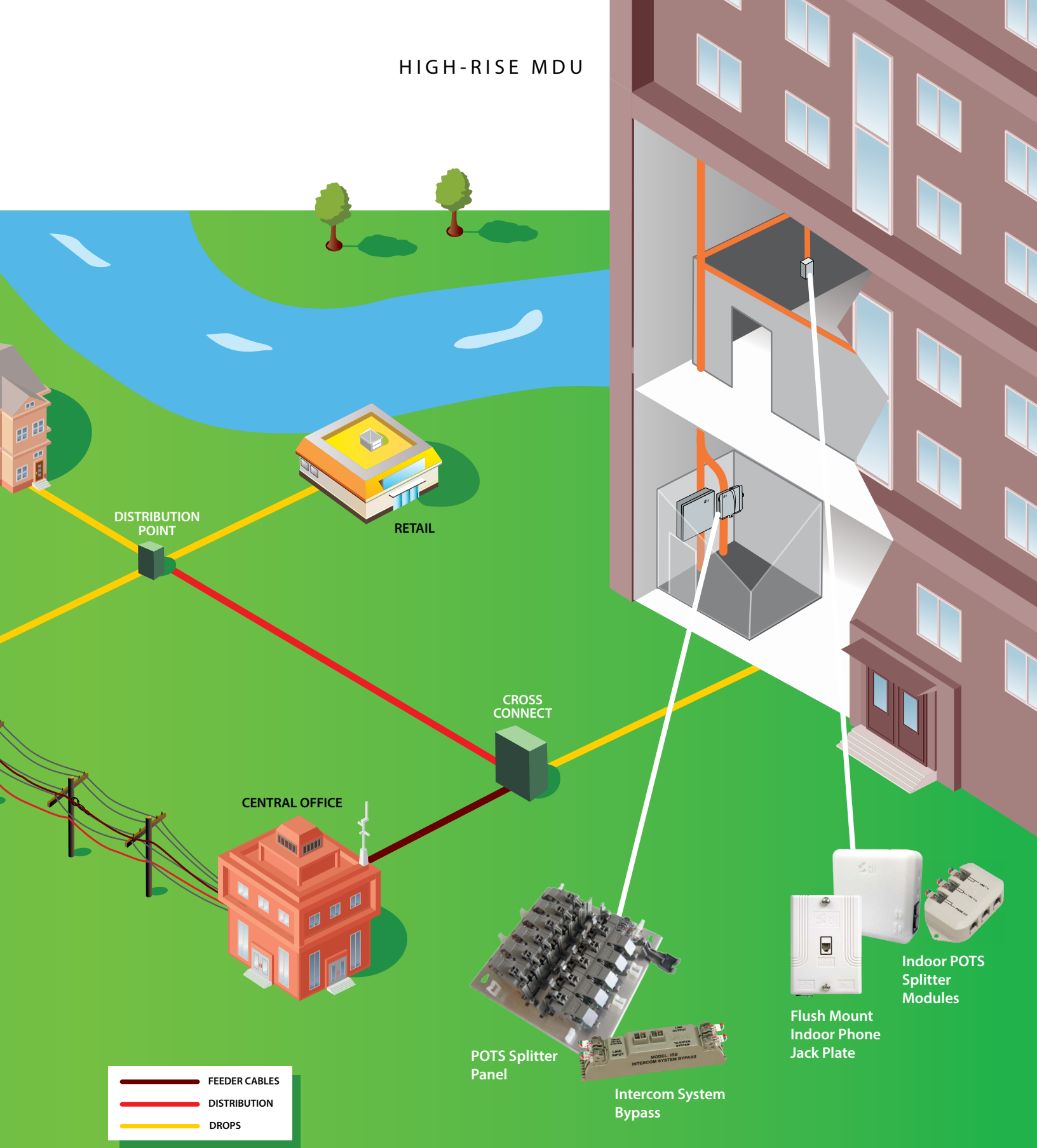
Tii offers an extensive line of fiber products to fulfill all your MDU requirements. Our in-house engineering staff, state-of-the-art testing facility and world class manufacturing strive to deliver innovative network solutions capable of meeting the changing needs of telecommunications service providers.

# xDSL





HIGH-RISE MDU



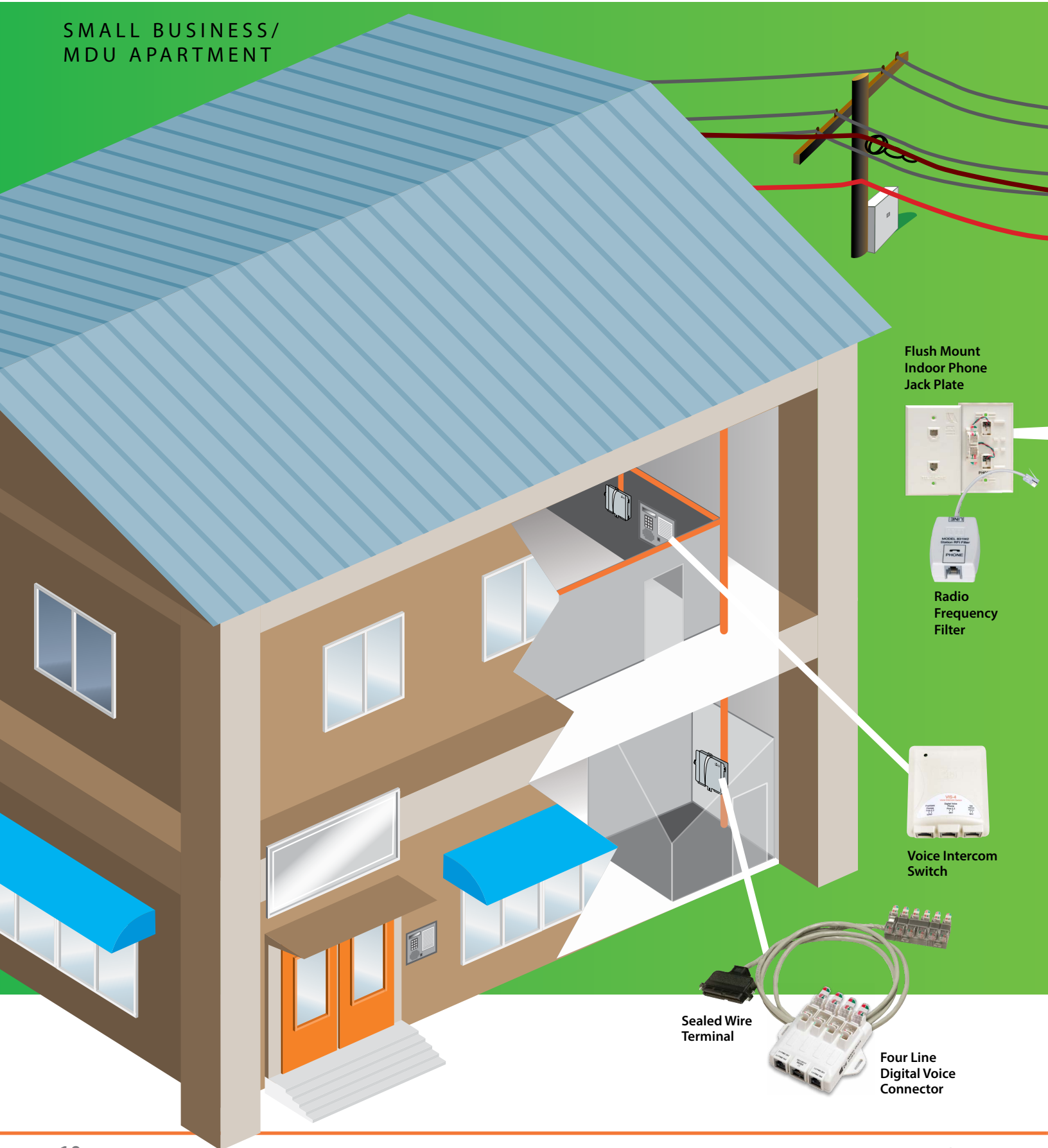
Tii offers an extensive line of products to fulfill all your xDSL requirements. Our in-house engineering staff, state-of-the-art testing facility and world class manufacturing strive to deliver innovative network solutions capable of meeting the changing needs of telecommunications service providers.



COMPLETE SOLUTIONS

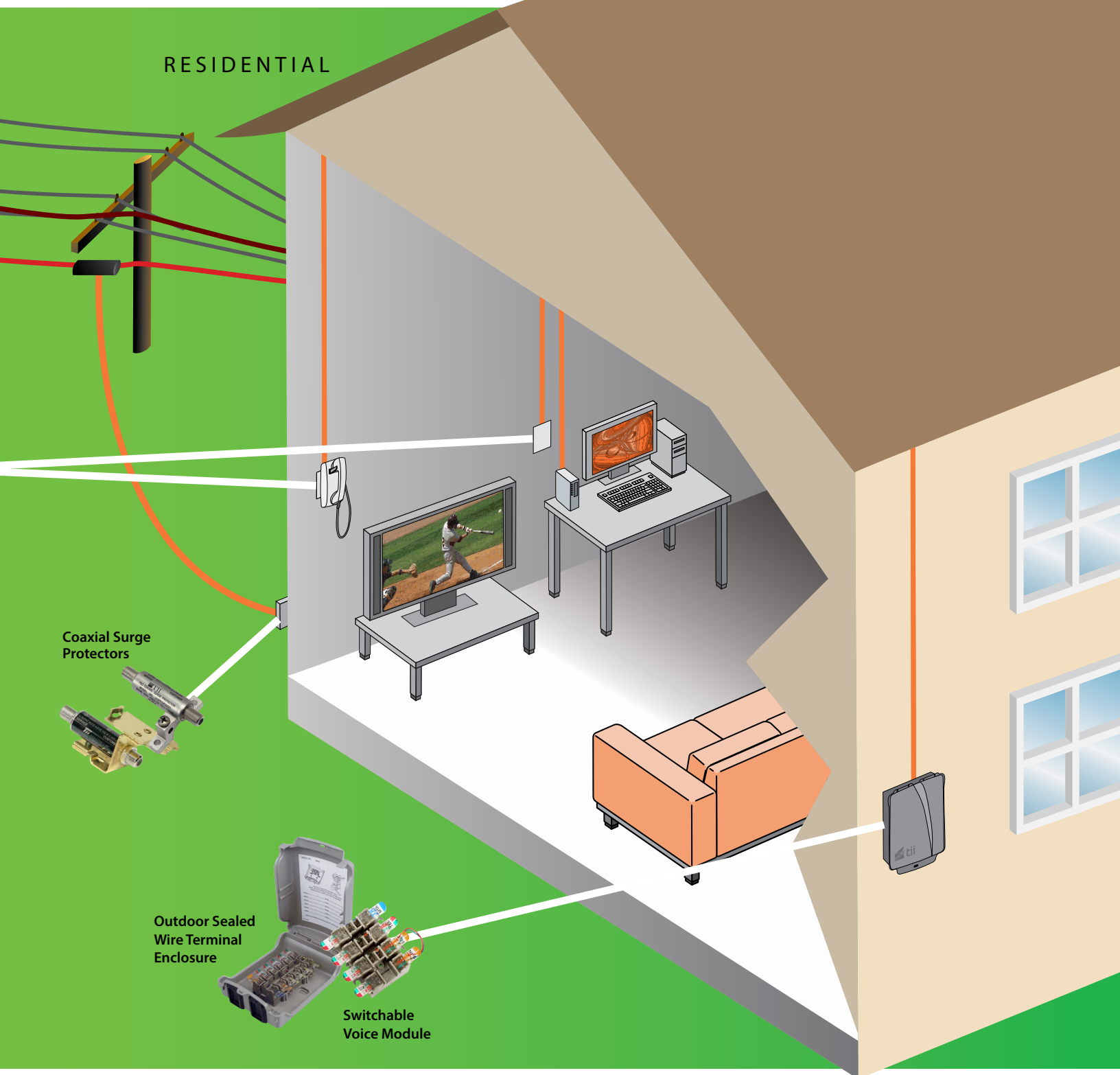
# Multiple System Operator

SMALL BUSINESS/  
MDU APARTMENT



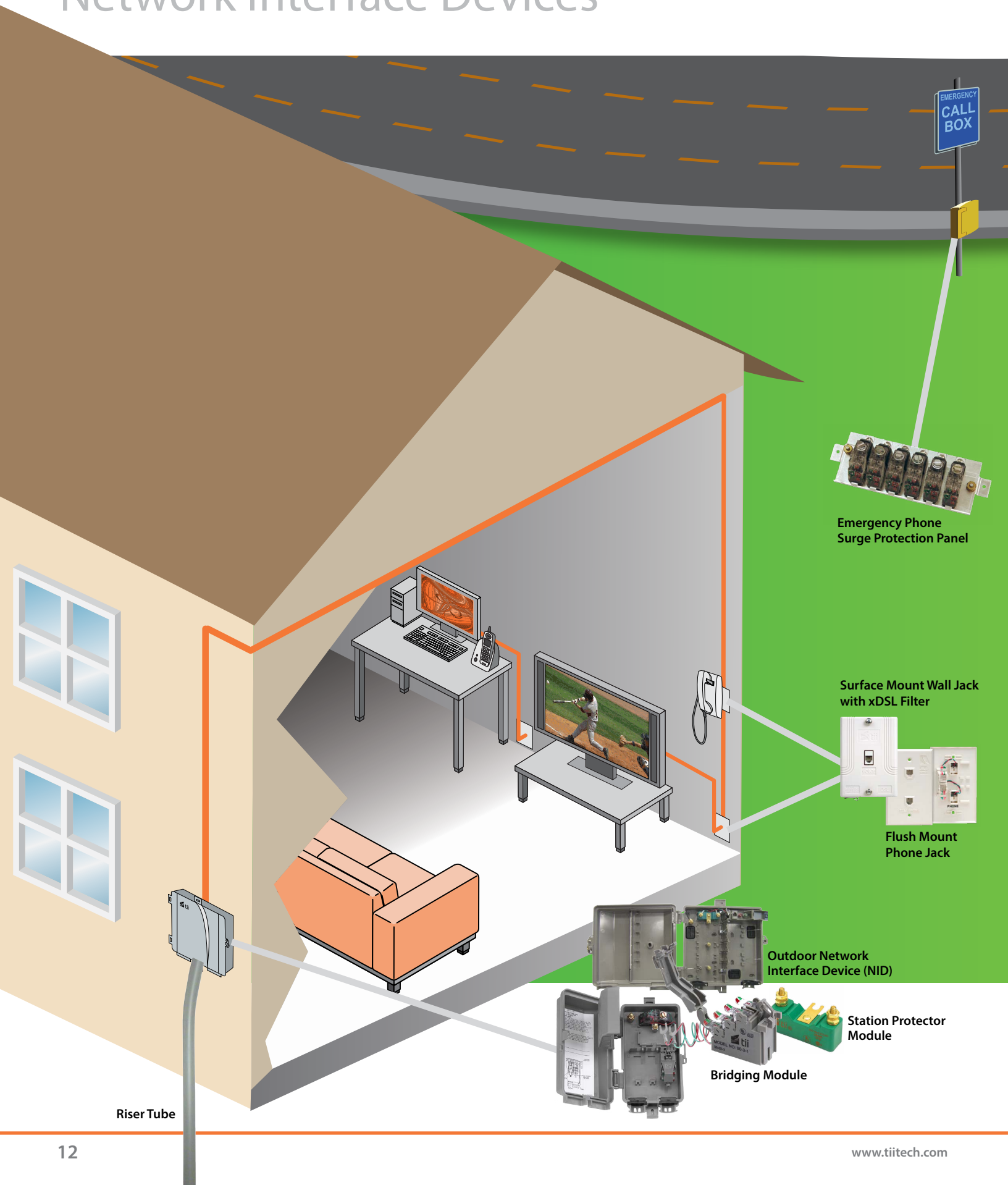


DIGITAL VOICE CONNECTORS & MODULES  
WIRE TERMINAL ENCLOSURES  
SURGE PROTECTORS

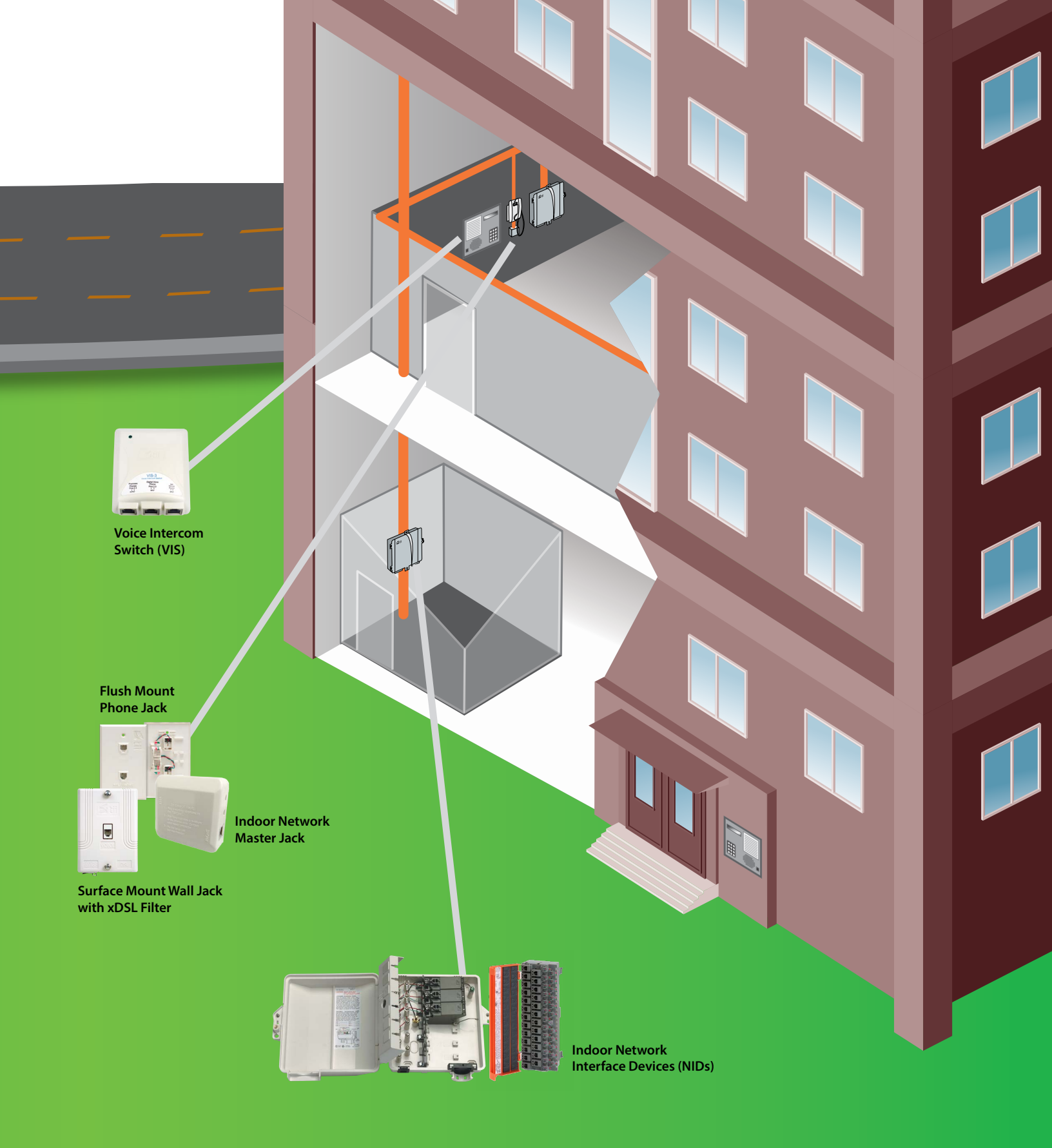


Tii offers an extensive line of MSO products to fulfill all your requirements. Our in-house engineering staff, state-of-the-art testing facility and world class manufacturing strive to deliver innovative network solutions capable of meeting the changing needs of telecommunications service providers.

# Network Interface Devices







**Voice Intercom  
Switch (VIS)**

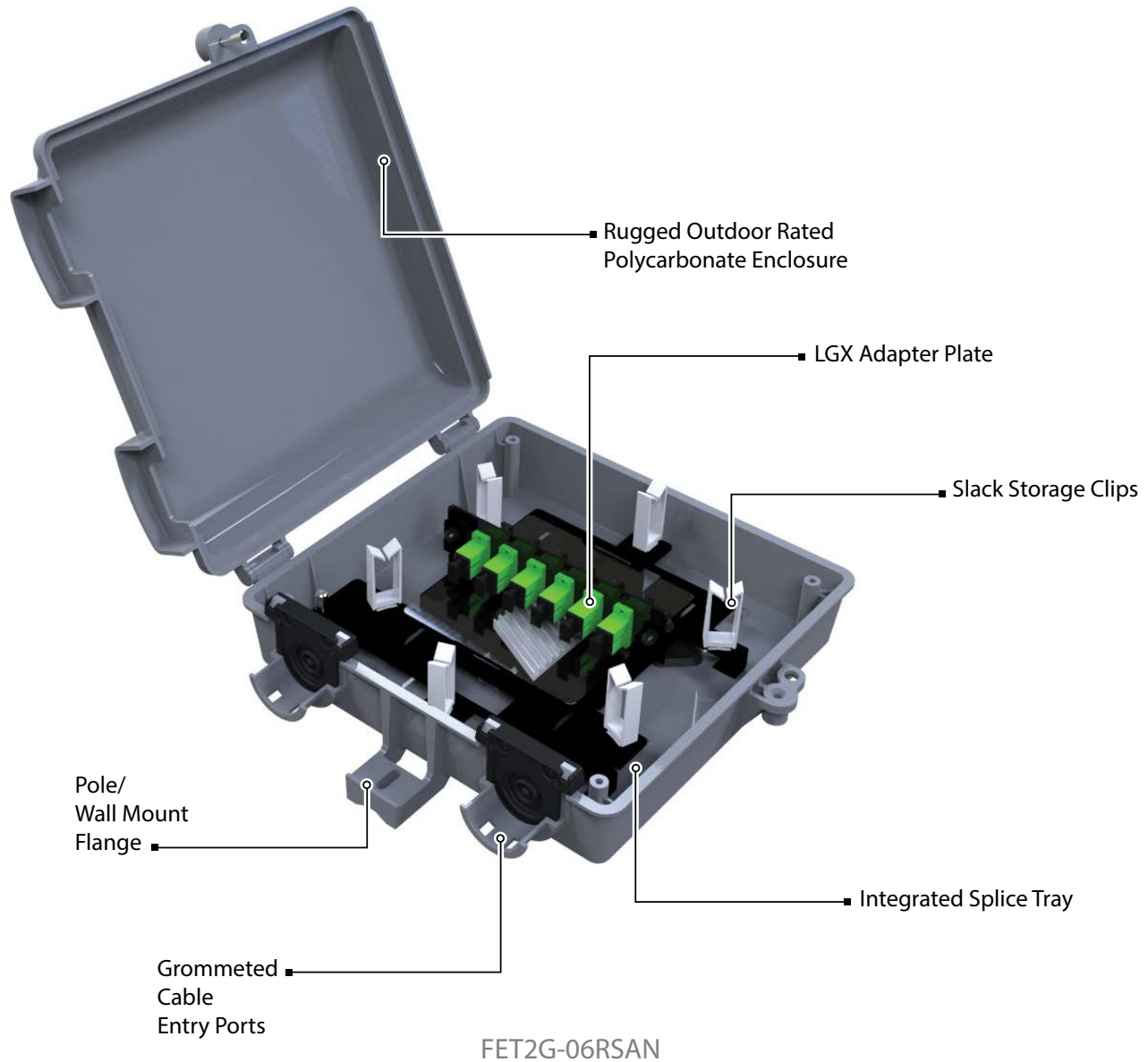
**Flush Mount  
Phone Jack**

**Indoor Network  
Master Jack**

**Surface Mount Wall Jack  
with xDSL Filter**

**Indoor Network  
Interface Devices (NIDs)**

Tii offers an extensive line of Network Interface Devices to fulfill all your requirements. Our in-house engineering staff, state-of-the-art testing facility and world class manufacturing strive to deliver innovative network solutions capable of meeting the changing needs of telecommunications service providers.



### FEATURES/BENEFITS:

- Provides demarcation point between outdoor fiber drop and customer premise fiber.
- Constructed of superior materials capable of withstanding harsh outdoor environments, including UV degradation, chemical exposure, and extreme temperatures.
- Designed for fiber installations with up to 3 inch bend radius.
- Corner slack retention features retain OSP and customer drop fiber.
- Entry grommets accept up to 1 inch conduit with provision for tie wrap retention.
- Internal tie down features for proper strain relief of fiber cables.
- Hinged cover fits securely on the base to provide maximum protection against environmental conditions and intrusion of foreign matter, protecting sensitive fiber connectivity.
- Cover closes securely with 3/8" hex head bolt and has a provision for a security tag.



### FIBER ENTRANCE TERMINALS (FET)

Indoor/Outdoor optical demarcation enclosure designed for wall or pole mounting. Made of weather resistant thermal plastic. Small form factor for FTTH, FTTB and MDU drops. These enclosures are used for patch only or patch and splice configurations.



#### ORDERING INFORMATION

| FET | X                   | G | XX          | X            | XX                         | X         |
|-----|---------------------|---|-------------|--------------|----------------------------|-----------|
|     | SERIES              |   | FIBER PORTS | FIBER TYPE   | ADAPTER                    | PIGTAILS  |
|     | 1 - up to 2 fibers  |   | 01 - 12     | R - SM G652D | LC - LC                    | N - None  |
|     | 2 - up to 12 fibers |   |             |              | SC - SC UPC<br>SA - SC APC | 9 - 900um |

#### DIMENSIONS

Dimensions (height x width x depth): **FET1** - 10.26" x 9.94" x 2.91" (26.0 cm x 25.2 cm x 7.4 cm)

**FET2** - 6.11" x 4.33" x 2.15" (15.5 cm x 10.9 cm x 5.4 cm)

### 24F OUTDOOR FIBER DEMARCATION ENCLOSURE

The FET3 Outdoor Fiber Demarcation Enclosure is a compact unit which features connectivity between the OSP fiber drops and customer fiber drops. The weatherproof design is ideally suited for outdoor installations and is configured for up to 24 patch and splice or PON splitter terminations.



#### ORDERING INFORMATION

| FET3G | XX          | X  | XX   | X  | X  | X             |
|-------|-------------|--|--|--|--|---------------|
|       | FIBER PORTS | FIBER TYPE   | ADAPTER  | PIGTAILS   | SPLITTER TYPE                              | SPLITTER QTY. |
|       | 01 - 24     | R = Singlemode<br>K = MM62.5 OM1<br>S = MM50 OM3<br>X = None | LC = LC<br>SC = SC<br>SA = SC APC<br>NA = None | N = Patch Only<br>T = Splice Only<br>5 = 250um Pigtailes<br>9 = 900um Pigtailes<br>R = 12 Fiber Ribbon Pigtail | 0 = None<br>1 = 1x4<br>2 = 1x8<br>3 = 1x16 | 0-2           |

#### DIMENSIONS

Dimensions (height x width x depth): 12.62" x 10.16" x 4.48" (32.05 cm x 64 cm x 11.38 cm)

### FIBER INTERFACE DEVICES/SLACK STORAGE UNITS

Fiber Interface Device/Slack Storage Units are compact units which feature SC to SC connectivity between the OSP fiber drop and customer fiber drop, as well as slack storage. The 506F is configurable for single, dual, quad, and six fiber terminations. The unit is available without SC couplers for slack storage applications and is able to store up to 75' of fiber. The 507F Fiber Interface Device/Slack Storage Unit accommodates multiple sizes of LB fittings and allows for termination through conduit at the top and bottom of the unit.



#### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION               |
|------------------|---------------------------|
| <b>FAT1R1SAN</b> | 1 Port Patch Panel SC-APC |
| <b>FAT1R1SCN</b> | 1 Port Patch Panel SC-UPC |

#### DIMENSIONS

Dimensions (height x width x depth): 6.25" x 1.4" x 0.7" (15.9 cm x 3.6 cm x 1.8 cm)



| 169F | XX           | XX              |
|------|--------------|-----------------|
|      | ADAPTER TYPE | NO. OF ADAPTERS |
|      | 01 - SC-APC  | 01 - 1          |
|      | 02 - SC-UPC  | 02 - 2          |
|      |              | 03 - 4          |

#### DIMENSIONS

Dimensions (height x width x depth): 6.11" x 4.33" x 2.15" (15.5 cm x 11.0 cm x 5.5 cm)



| 506F | XX                                     | XX              | XX      |
|------|--|-----------------|---------|
|      | ADAPTER TYPE                           | NO. OF ADAPTERS |         |
|      | 01 - Fiber Plate (1, 2, or 4 adapters) | 01 - SC-APC     | 01 - 12 |
|      | 02 - Fiber Plate (6 adapters)          | 02 - SC-UPC     |         |
|      | 03 - 1.5" Fiber Storage Tray           | 12 - MTP/MPO    |         |
|      | 04 - Fiber Plate (12 adapters)         |                 |         |

#### DIMENSIONS

Dimensions (height x width x depth): 10.26" x 9.94" x 2.91" (26.1 cm x 25.2 cm x 7.4 cm)



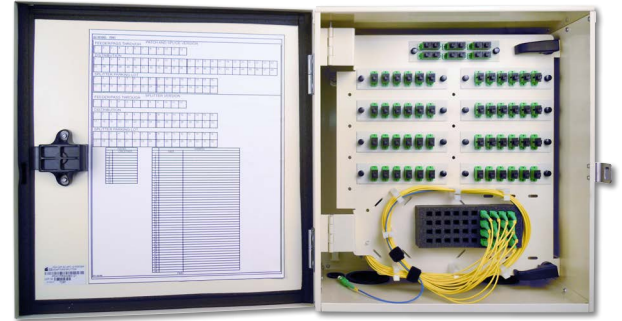
| 507F | XX                                     | XX              | XX      |
|------|--|-----------------|---------|
|      | ADAPTER TYPE                           | NO. OF ADAPTERS |         |
|      | 01 - Fiber Plate (1, 2, or 4 adapters) | 01 - SC-APC     | 01 - 12 |
|      | 02 - Fiber Plate (6 adapters)          | 02 - SC-UPC     |         |
|      | 03 - 1.5" Fiber Storage Tray           | 12 - MTP/MPO    |         |
|      | 04 - Fiber Plate (12 adapters)         |                 |         |

#### DIMENSIONS

Dimensions (height x width x depth): 11.19" x 8.38" x 3.19" (28.4 cm x 21.2 cm x 8.1 cm)

### FDH1 SERIES - FIBER DISTRIBUTION HUB

The FDH1 Series is a wall mount fiber distribution hub designed to support patching, splicing and optical splitting in one unit. The enclosure has 9 adapter panel positions allowing for a wide variety of patching and splitting combinations. The central inner door separates the installed customer drops and feeder cable to allow easy technician access for ongoing customer maintenance of service utilizing the PON splitter parking lot.



#### ORDERING INFORMATION

| FDH1 | X      | X          | XX          | X                  | X                  | X                     | X                     | X             | X                   |
|------|--------|------------|-------------|--------------------|--------------------|-----------------------|-----------------------|---------------|---------------------|
|      | PORTS  | FIBER MODE | ADAPTERS    | FEEDER PIGTAILS    | FEEDER FIBER COUNT | DISTRIBUTION PIGTAILS | 24 FIBER SPLICE TRAYS | SPLITTER TYPE | SPLITTER QTY LOADED |
|      | B - 12 | R - OS2    | LC - LC UPC | 0 - None           | 0 - None           | 0 - None              | 0 - 5                 | 0 - None      | 0 - 2               |
|      | F - 24 |            | SA - SC APC | 1 - M1 Fanout      | 6 - 6              | 5 - 250um Pigtailes   |                       | 1 - 1x8       |                     |
|      | G - 32 |            | SC - SC UPC | 5 - 250um Pigtail  | B - 12             | 9 - 900um Pigtailes   |                       | 2 - 1x16      |                     |
|      | H - 36 |            |             | 9 - 900um Pigtail  | F - 24             | M - MPO Fanout        |                       | 3 - 1x32      |                     |
|      | J - 48 |            |             | R - Ribbon Pigtail | G - 32             | R - Ribbon Pigtailes  |                       |               |                     |
|      |        |            |             |                    | H - 36             |                       |                       |               |                     |
|      |        |            |             |                    | J - 48             |                       |                       |               |                     |

#### DIMENSIONS

Dimensions (height x width x depth): 15.0" x 15.7" x 9.2" (38.1 cm x 39.9 cm x 23.4 cm)

### FDH2 SERIES - FIBER DISTRIBUTION HUB

The FDH2 Series is a wall mount fiber distribution hub designed to support patching, splicing and optical splitting in one unit. The enclosure has 13 adapter panel positions allowing for a wide variety of patching and splitting combinations. The Central inner door separates the installed customer drops and feeder cable to allow easy technician access for ongoing customer maintenance of service utilizing the PON splitter parking lot.



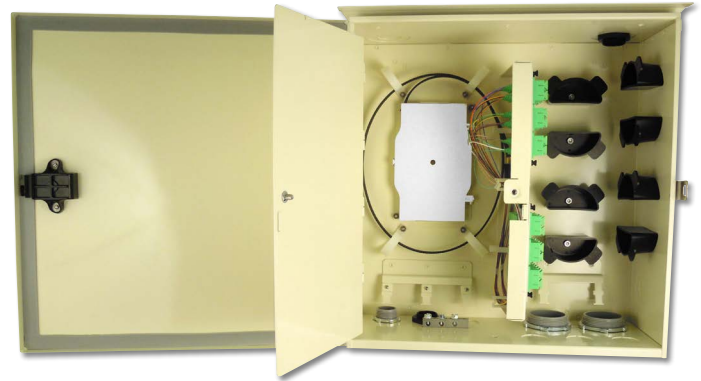
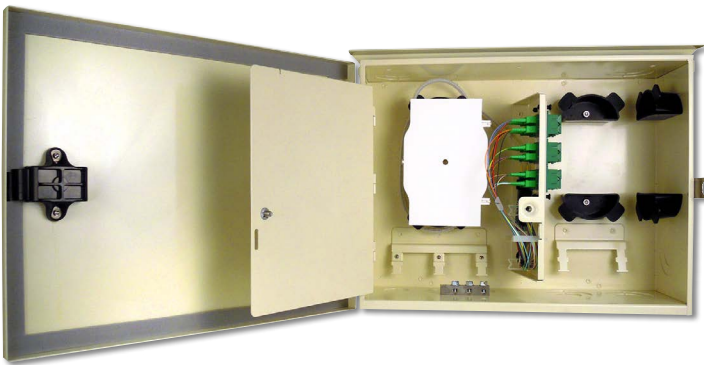
#### ORDERING INFORMATION

| FDH2 | X       | X          | XX          | X                  | X                  | X                    | X                     | X             | X                   |
|------|---------|------------|-------------|--------------------|--------------------|----------------------|-----------------------|---------------|---------------------|
|      | PORTS   | FIBER MODE | ADAPTERS    | FEEDER LOADED      | FEEDER FIBER COUNT | DISTRIBUTION LOADED  | 24 FIBER SPLICE TRAYS | SPLITTER TYPE | SPLITTER QTY LOADED |
|      | L - 72  | R - OS2    | LC - LC UPC | 0 - None           | 0 - None           | 0 - None             | 0 - 7                 | 0 - None      | 0 - 4               |
|      | N - 96  |            | SA - SC APC | 1 - M1 Fanout      | 6 - 6              | 5 - 250um Pigtailes  |                       | 1 - 1x8       |                     |
|      | O - 128 |            | SC - SC UPC | 5 - 250um Pigtail  | B - 12             | 9 - 900um Pigtailes  |                       | 2 - 1x16      |                     |
|      | P - 144 |            |             | 9 - 900um Pigtail  | J - 48             | M - MPO Fanout       |                       | 3 - 1x32      |                     |
|      |         |            |             | R - Ribbon Pigtail | L - 72             | R - Ribbon Pigtailes |                       |               |                     |
|      |         |            |             |                    | N - 96             |                      |                       |               |                     |
|      |         |            |             |                    | O - 128            |                      |                       |               |                     |
|      |         |            |             |                    | P - 144            |                      |                       |               |                     |

#### DIMENSIONS

Dimensions (height x width x depth): 14.2" x 17.6" x 9.2" (36.1 cm x 44.7 cm x 23.4 cm)





### FDT SERIES - 24F-72F OUTDOOR FIBER DISTRIBUTION TERMINALS - NEMA-4

FDT Series Outdoor Fiber Distribution Terminals provide splicing connectivity to the OSP feeder fiber and an SC-APC point of demarcation for customer drop terminations. The weatherproof designs are ideally suited for outdoor installations, and have field installable adapter plates supporting up to 72 patch and splice fiber terminations. Two compartments separate the feeder terminations from the distribution terminations, and are protected by a lockable outer door.

#### ORDERING INFORMATION

| FDT | X            | X           | X              | XX          | X                           |
|-----|--------------|-------------|----------------|-------------|-----------------------------|
|     | SERIES       | FIBER PORTS | FIBER TYPE     | ADAPTERS    | PIGTAILS                    |
|     | 1 - up to 24 | B = 12      | R = Singlemode | LC = LC     | 0 = None                    |
|     | 2 - up to 72 | C = 16      | K = MM62.5 OM1 | SC = SC     | 5 = 250um Pigtailes         |
|     |              | F = 24      | S = MM50 OM3   | SA = SC APC | 9 = 900um Pigtailes         |
|     |              | J = 48      | X = None       | NA = None   | R = 12 Fiber Ribbon Pigtail |
|     |              | L = 72      |                |             |                             |

#### DIMENSIONS

Dimensions (height x width x depth): FDT1 - 13.5" x 17.6" x 6.4" (34.2 cm x 44.7 cm x 16.3 cm)

FDT2 - 17.9" x 17.6" x 7.0" (45.5 cm x 44.7 cm x 17.8 cm)



### SLIM PATCH DROP

The Slim Patch Drop fiber distribution assembly is designed for small confined space installations. 2-12 fiber cable is factory terminated in the Slim-Patch for a simple, compact and rugged distribution point. The custom length pigtail can be fusion spliced in a pedestal or splice case saving valuable space at the distribution point.

#### ORDERING INFORMATION

| WMS | X     | BF    | XX             | X           | XX                            | X                     | XXX | X          |
|-----|-------|-------|----------------|-------------|-------------------------------|-----------------------|-----|------------|
|     | SIZE  | PORTS | FIBER MODE     | CONNECTORS  | CABLE CONSTRUCTION            | LENGTH                |     | UOM        |
|     | 1-7"  | 02    | R - Singlemode | LC - LC     | I - Indoor/Outdoor Loose Tube | 3 Digit, e.g. 001 = 1 |     | F - Feet   |
|     | 2-12" | 04    | K - MM62.5 OM1 | SC - SC     | C - Outdoor Flat Drop         | 015 = 15 Meters       |     | M - Meters |
|     |       | 06    | C - MM50 OM2   | SA - SC APC | D - Indoor Distribution       |                       |     |            |
|     |       | 08    | S - MM50 OM3   | ST - ST     |                               |                       |     |            |
|     |       | 12    |                |             |                               |                       |     |            |

### CCP SERIES - CUSTOMER CONNECTION POINT

The CCP Series are compact, indoor wall mount fiber termination and distribution enclosures. These units are typically used as MDU ONT access points, FTTH ONT access points as well as FTTH desktop access points.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| CCP1R1SAN | 1 Port Patch Panel SC-APC                            |
| CCP1R1SA9 | 1 Port Patch & Splice Panel SM SC-APC 900UM Pigtail  |
| CCP1R1SCN | 1 Port Patch Panel SC                                |
| CCP1R1SC9 | 1 Port Patch & Splice Panel SM SC-UPC 900UM Pigtail  |
| CCP1R2SAN | 2 Port Patch Panel SC-APC                            |
| CCP1R2SA9 | 2 Port Patch & Splice Panel SM SC-APC 900UM Pigtails |
| CCP1R1SCN | 2 Port Patch Panel SC                                |
| CCP1R2SC9 | 2 Port Patch & Splice Panel SM SC-UPC 900UM Pigtails |
| CCP1R2LCN | 2 Port Patch Panel LC                                |
| CCP1R2LC9 | 2 Port Patch & Splice Panel SM LC-UPC 900UM Pigtails |

#### DIMENSIONS

Dimensions (height x width x depth): 3.9" x 3.3" x 0.8" (9.9 cm x 8.4 cm x 2.0 cm)

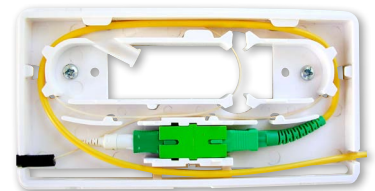


#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| CCP2R1SAN | 1 Port Patch Panel SC-APC                            |
| CCP2R1SA9 | 1 Port Patch & Splice Panel SM SC-APC 900UM Pigtails |
| CCP2R1SCN | 1 Port Patch Panel SC                                |
| CCP2R1SC9 | 1 Port Patch & Splice Panel SM SC-UPC 900UM Pigtails |
| CCP2R2LCN | 2 Port Patch Panel LC                                |
| CCP2R2LC9 | 2 Port Patch & Splice Panel SM LC-UPC 900UM Pigtails |

#### DIMENSIONS

Dimensions (height x width x depth): 5.8" x 3" x 0.6" (14.7 cm x 7.6 cm x 1.5 cm)



#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| CCP3R1SAN | 1 Port Patch Panel SC-APC                            |
| CCP3R1SA9 | 1 Port Patch & Splice Panel SM SC-APC 900UM Pigtail  |
| CCP3R1SCN | 1 Port Patch Panel SC                                |
| CCP3R1SC9 | 1 Port Patch & Splice Panel SM SC-UPC 900UM Pigtail  |
| CCP3R2SAN | 2 Port Patch Panel SC-APC                            |
| CCP3R2SA9 | 2 Port Patch & Splice Panel SM SC-APC 900UM Pigtails |
| CCP3R1SCN | 2 Port Patch Panel SC                                |
| CCP3R2SC9 | 2 Port Patch & Splice Panel SM SC-UPC 900UM Pigtails |

#### DIMENSIONS

Dimensions (height x width x depth): 6.16" x 3.71" x 1.08" (15.6 cm x 9.4 cm x 2.7 cm)





### WALLMOUNT DISTRIBUTION ENCLOSURES

Indoor Wall Mount Distribution Enclosures are available with factory loaded adapter plates, splice trays and pigtails. They are suitable for loose tube, tight buffer and ribbon cable. Optional direct termination or fusion splice pigtails with tie down points for buffer tubes and cable management. Accepts LGX compatible adapter plates or MTP modules.

### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION   | DIMENSIONS (H x W x D) |
|------------------|---|------------------------|
| <b>WM1PBF</b>    | Mini Patch Panel Empty 1 Adapter Plate Capacity & Splice Chip | 1.6" x 5.5" x 6.3"     |
| <b>WM2PBF</b>    | 12-Port Patch Panel Empty 2 Adapter Plate Capacity            | 9.5" x 13" x 3.5"      |
| <b>WM4PBF</b>    | 24-PORT Patch Panel Empty 4 Adapter Plate Capacity            | 11.5" x 13" x 3.5"     |
| <b>WM8PBF</b>    | 48-PORT Patch Panel Empty 8 Adapter Plate Capacity            | 17" x 12" x 6"         |
| <b>FST-BKT-2</b> | Mounting Bracket 1.5 IN Standoff                              |                        |
| <b>FST-ASF24</b> | Splice Tray 24 Single Fusion                                  |                        |
| <b>FST-AMF06</b> | Splice Tray 6 Mass Fusion                                     |                        |

### CUSTOM LOADING ORDERING INFORMATION

| WM | X                | PBF | XXX         | X              | XX          | X                   | X                       |
|----|------------------|-----|-------------|----------------|-------------|---------------------|-------------------------|
|    | CHASSIS          |     | FIBER PORTS | FIBER TYPE     | ADAPTER     | PIGTAILS            | OPTIONS                 |
|    | 1 - 1 Plate Mini |     | 006         | R - Singlemode | FC - FC     | N - None            | L - Key Lock Installed  |
|    | 2 - 2 Plate      |     | 008         | K - MM62.5 OM1 | FA - FC APC | 5 - 250um MIC       | (Not available in Mini) |
|    | 4 - 4 Plate      |     | 012         | C - MM50 OM2   | LC - LC     | 9 - 900um MIC       |                         |
|    | 8 - 8 Plate      |     | 024         | S - MM50 OM3   | SC - SC     | R - 12 Fiber Ribbon |                         |
|    |                  |     | 036         |                | SA - SC APC |                     |                         |
|    |                  |     | 048         |                | ST - ST     |                     |                         |
|    |                  |     | 072         |                |             |                     |                         |
|    |                  |     | 096         |                |             |                     |                         |



### WSE-144 WALLMOUNT SPLICE ENCLOSURE

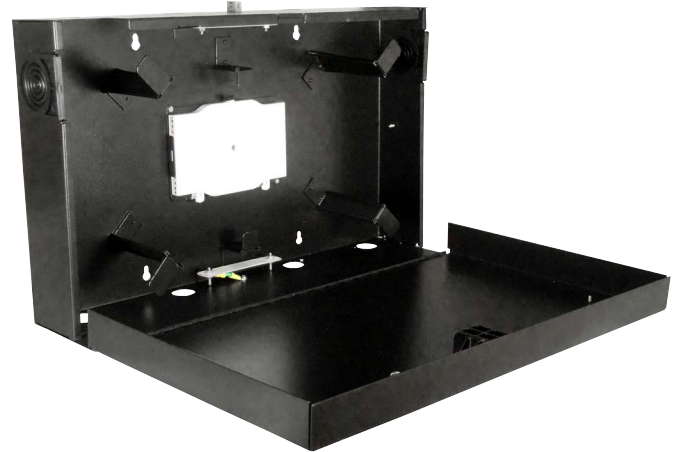
Indoor wall mount fiber optic splice enclosure to transition from OSP to premise optical cable. WSE provides storage and protection of fiber splices. The front door of the housing is a work surface that can support the weight of a fusion splicer.

#### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION   |
|------------------|---|
| <b>WSE-144</b>   | Wallmount Splice Enclosure<br>144 Single 432 Mass Fusion Capacity |
| <b>FST-ASF24</b> | Splice Tray 24 Single Fusion                                      |
| <b>FST-AMF06</b> | Splice Tray 6 Mass Fusion (72 Fiber)                              |

#### DIMENSIONS

Dimensions (height x width x depth): 14" x 20" x 6"  
(35.6 cm x 50.8 cm x 9.6 cm)



### WSE-288 WALLMOUNT SPLICE ENCLOSURE

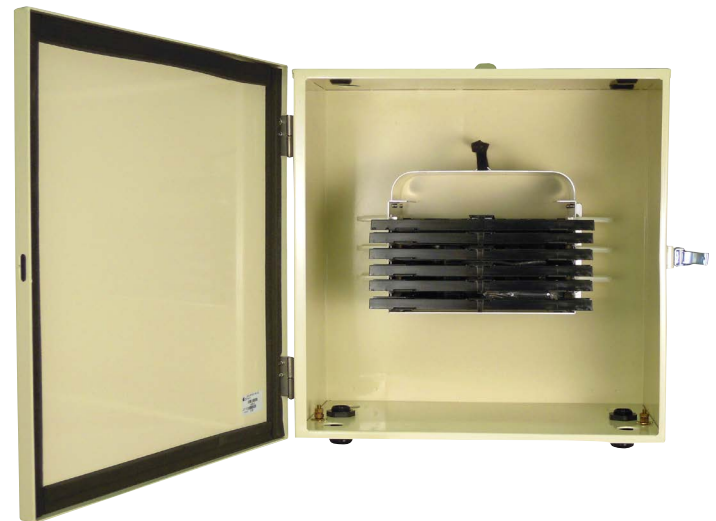
Wall mount fiber optic splice enclosure to transition from OSP to premise optical cable. Designed to resist dirt, dust and water spray. High capacity with small footprint.

#### ORDERING INFORMATION

| MODEL NO.       | DESCRIPTION                                    |
|-----------------|--|
| <b>WSE-288</b>  | Wallmount Splice Enclosure 288 Single 864 Mass |
| <b>TRAY48SF</b> | Splice Tray 48 Single Fusion                   |
| <b>TRAY18MF</b> | Splice Tray 18 Mass Fusion                     |

#### DIMENSIONS

Dimensions (height x width x depth): 18.5" x 20" x 11.5" (46.9 cm x 50.8 cm x 29.2 cm)





### RACKMOUNT FIBER DISTRIBUTION PANELS

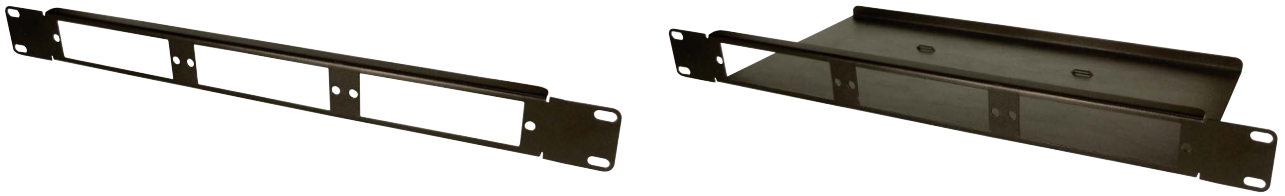
Rackmount fiber distribution panels designed for both direct termination or fusion splice pigtails in one panel. The slide out master tray is removable from both front and rear door for easy installation access. The panels are 19" and 23" rackmountable, with standard LGX adapter plate or MTP/MPO cassette compatibility.

### ORDERING INFORMATION

| MODEL NO.         | DESCRIPTION                                     | DIMENSIONS (H x W x D) |
|-------------------|---|------------------------|
| <b>RM1U2B</b>     | 1RU Patch Panel Empty 2 Adapter Plate Capacity  | 1.75" x 17.0" x 14.25" |
| <b>RM1U3B</b>     | 1RU Patch Panel Empty 3 Adapter Plate Capacity  | 1.75" x 17.0" x 14.25" |
| <b>RM2U4B</b>     | 2RU Patch Panel Empty 4 Adapter Plate Capacity  | 3.5" x 17.0" x 14.25"  |
| <b>RM2U6B</b>     | 2RU Patch Panel Empty 6 Adapter Plate Capacity  | 3.5" x 17.0" x 14.25"  |
| <b>RM3U8B</b>     | 3RU Patch Panel Empty 8 Adapter Plate Capacity  | 5.25" x 17.0" x 14.25" |
| <b>RM4UXB</b>     | 4RU Patch Panel Empty 12 Adapter Plate Capacity | 7.0" x 17.0" x 14.25"  |
| <b>FST-BKT-1</b>  | Mounting Bracket 1.0 IN Standoff 2RU            |                        |
| <b>FST-BKT-2</b>  | Mounting Bracket 1.5 IN Standoff 3-4RU          |                        |
| <b>RM-FM-2/3U</b> | Flushmount Kit Rackmount 2U/3RU                 |                        |
| <b>RM-FM-4U</b>   | Flushmount Kit Rackmount 4RU                    |                        |
| <b>FST-ASF24</b>  | Splice Tray 24 Single Fusion                    |                        |
| <b>FST-AMF06</b>  | Splice Tray 6 Mass Fusion (72 Fiber)            |                        |

### CUSTOM LOADING ORDERING INFORMATION

| RM | XXX               | B | XXX         | X              | XX          | X                   |
|----|-------------------|---|-------------|----------------|-------------|---------------------|
|    | CHASSIS           |   | FIBER PORTS | FIBER TYPE     | ADAPTER     | PIGTAILS            |
|    | 1U2 - 1U 2 Plate  |   | 006         | R - Singlemode | FC - FC     | N - None            |
|    | 1U3 - 1U 3 Plate  |   | 012         | K - MM62.5 OM1 | FA - FC APC | 5 - 250um           |
|    | 2U4 - 2U 4 Plate  |   | 024         | C - MM50 OM2   | LC - LC     | 9 - 900um           |
|    | 2U6 - 2U 6 Plate  |   | 036         | S - MM50 OM3   | SC - SC     | R - 12 Fiber Ribbon |
|    | 3U8 - 3U 8 Plate  |   | 048         |                | SA - SC APC |                     |
|    | 4UX - 4U 12 Plate |   | 072         |                | ST - ST     |                     |
|    |                   |   | 096         |                |             |                     |
|    |                   |   | 144         |                |             |                     |

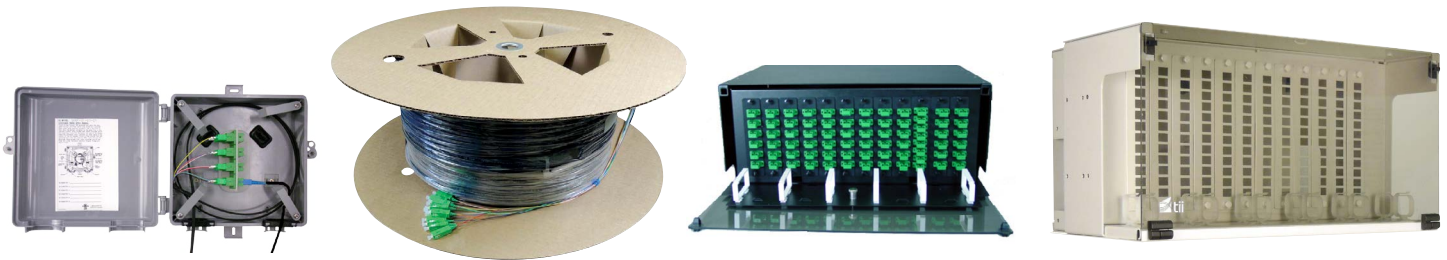


### RACKMOUNT BRACKETS

1 RU 19 inch rackmount master plate with 3 LGX module/cassette capacity. Available with and without backbone cable slack storage support. Designed for LGX adapter plates, MTP cassette and Coupler splitter modules.

### ORDERING INFORMATION

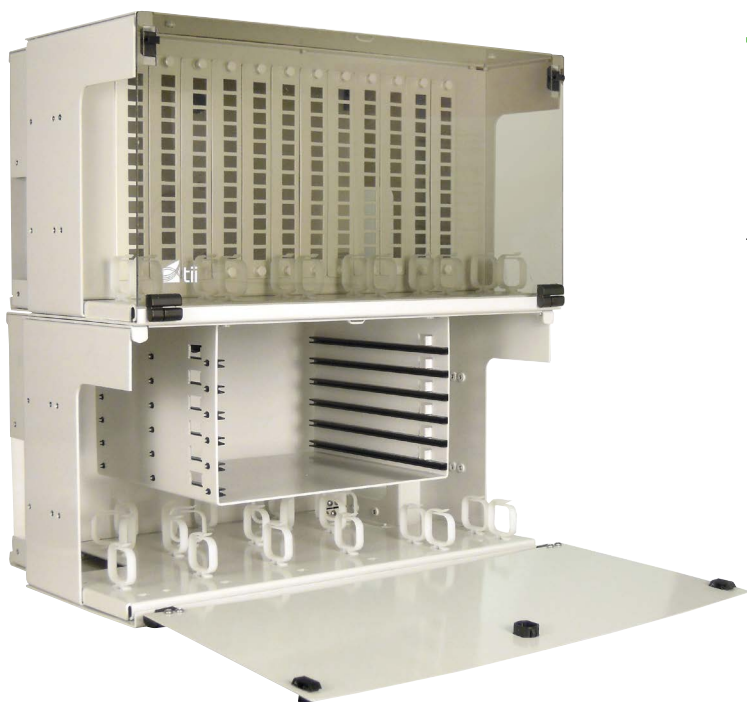
| MODEL NO.       | DESCRIPTION   |
|-----------------|---|
| <b>MP1U3B</b>   | 1RU Master Plate 3 LGX Module Capacity                            |
| <b>MP1U3BSS</b> | 1RU Master Plate 3 LGX Module Capacity with Slack Storage Support |



### STUBBED HOUSINGS

Our wall and rackmount patch panels are also available factory loaded with a fiber stub pigtail. Contact your sales representative for additional information and product configuration assistance.





### TSL LGX PATCH & SPLICE ENCLOSURES

The TSL LGX Fiber Termination Panels provide connectivity up to 144 (288 LC) ports. Available loaded with adapter plates, 250um, 900um or ribbon pigtails and splice bay. TSL shelves have been designed to meet Telcordia GR-63 and GR-449 requirements and are best utilized in Central Office and Data Center applications. 19" or 23" Rackmount with modular LGX rack & stack form factor.

### ORDERING INFORMATION

| ENCLOSURE     | RM4UWL       | RM5UWL       | RM7UWL                  | RM8UWL                  | RM9UWL                  |
|---------------|--------------|--------------|-------------------------|-------------------------|-------------------------|
| PROPERTY      | 4RU PATCH    | 5RU PATCH    | 4RU PATCH<br>3RU SPLICE | 5RU PATCH<br>3RU SPLICE | 5RU PATCH<br>4RU SPLICE |
| TYPICAL PORTS | 72/96/144    | 144/288      | 72/96/144               | 144                     | 288                     |
| PLATES        | 12           | 12           | 12                      | 12                      | 12                      |
| PLATE SIZE    | 118          | 170          | 118                     | 170                     | 170                     |
| SPLICE TRAYS  | 0            | 0            | 2 (3 LC)                | 3                       | 6                       |
| DIMENSIONS    | 7 x 17 x 11  | 9 x 17 x 11  | 12.25 x 17 x 11         | 14 x 17 x 11            | 15.75 x 17 x 11         |
| PACKAGING     | 10 x 20 x 14 | 12 x 20 x 14 | 15 x 20 x 14            | 18 x 20 x 14            | 18 x 20 x 14            |
| WEIGHT        | 13           | 15           | 24                      | 27                      | 30                      |

### CUSTOM LOADING ORDERING INFORMATION

| RM | X                          | UWL | XXX         | X              | XX          | X                              |
|----|----------------------------|-----|-------------|----------------|-------------|--------------------------------|
|    | CHASSIS                    |     | FIBER PORTS | FIBER TYPE     | ADAPTER     | PIGTAILS                       |
|    | 4 - 4 RU Patch Only        |     | 072         | R - Singlemode | FC - FC     | N - None                       |
|    | 5 - 5 RU Patch Only        |     | 096         | K - MM62.5 OM1 | FA - FC APC | 5 - 250um 3m with Bay & Trays  |
|    | 7 - 4 RU Patch 3 RU Splice |     | 144         | C - MM50 OM2   | LC - LC     | 9 - 900um 3m with Bay & Trays  |
|    | 8 - 5 RU Patch 3 RU Splice |     |             | S - MM50 OM3   | LA - LC APC | R - Ribbon 3m with Bay & Trays |
|    | 9 - 5 RU Patch 4 RU Splice |     |             |                | SC - SC     |                                |
|    |                            |     |             |                | SA - SC APC |                                |
|    |                            |     |             |                | ST - ST     |                                |

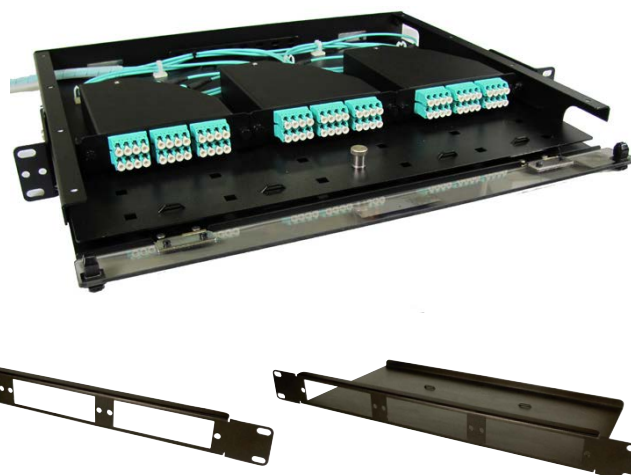
### MULTI-ACCESS MODULAR UNIT (MAMU)

The MAMU unit is comprised of several TSL termination shelves and one splice shelf. Each TSL is equipped with connector panels and fiber pigtails in either ribbon or 250um single fiber. Each splice shelf is equipped with mass-fusion or single-fusion splice organizers. All of the shelves are secured together in the factory, shipped and installed as a single unit.



### ORDERING INFORMATION

| FIBER       | PORTS | CONNECTORS | HEIGHT | MODEL NUMBER             | DESCRIPTION   |
|-------------|-------|------------|--------|--------------------------|---|
| OS-2        | 288   | SC         | 15RU   | <b>MAMU-5/5-288-RSC5</b> | 288 Port Singlemode SC 950um, (2) 144 Port 5RU Patch Panels, (1) 5RU Splice Bay, (6) 48 Fiber Splice Trays            |
| OS-2        | 288   | SC-APC     | 15RU   | <b>MAMU-5/5-288-RSA5</b> | 288 Port Singlemode SC-APC 950um, (2) 144 Port 5RU Patch Panels, (1) 5RU Splice Bay, (6) 48 Fiber Splice Trays        |
| OS-2 Ribbon | 288   | SC         | 13RU   | <b>MAMU-5/3-288-RSCR</b> | 288 Port Singlemode SC Ribbon, (2) 144 Port 5RU Patch Panels, (1) 3RU Splice Bay, (2) 144 Fiber Mass Splice Trays     |
| OS-2 Ribbon | 288   | SC-APC     | 13RU   | <b>MAMU-5/3-288-RSAR</b> | 288 Port Singlemode SC-APC Ribbon, (2) 144 Port 5RU Patch Panels, (1) 3RU Splice Bay, (2) 144 Fiber Mass Splice Trays |
| OS-2 Ribbon | 432   | LC         | 15RU   | <b>MAMU-4/3-432-RLCR</b> | 432 Port Singlemode LC Ribbon, (3) 144 Port 4RU Patch Panels, (1) 3RU SPLICE BAY, (3) 216 Fiber Mass Splice Trays     |
| OS-2 Ribbon | 432   | SC         | 18RU   | <b>MAMU-5/3-432-RSAR</b> | 432 Port Singlemode SC-APC Ribbon, (3) 144 Port 5RU Patch Panels, (1) 3RU Splice Bay, (3) 216 Fiber Mass Splice Trays |
| OS-2 Ribbon | 432   | SC-APC     | 18RU   | <b>MAMU-5/3-432-RSAR</b> | 432 Port Singlemode SC-APC Ribbon, (3) 144 Port 5RU Patch Panels, (1) 3RU Splice Bay, (3) 216 Fiber Mass Splice Trays |
| OS-2 Ribbon | 864   | LC         | 20RU   | <b>MAMU-5/5-864-RLCR</b> | 864 Port Singlemode LC Ribbon, (3) 288 Port 5RU Patch Panels, (1) 5RU Splice Bay, (6) 216 Fiber Mass Splice Trays     |
| OS-2 Ribbon | 864   | SC         | 35RU   | <b>MAMU-5/5-864-RSCR</b> | 864 Port Singlemode SC Ribbon, (6) 144 Port 5RU Patch Panels, (1) 5RU Splice Bay, (6) 216 Fiber Mass Splice Trays     |



### DATA CENTER PRODUCTS

MTP/MPO based plug in cassettes for high density fiber distribution. Factory terminated MTP trunk cables and MTP modules provide the highest density and will reduce installation labor costs up to 75%.

### ORDERING INFORMATION

#### TRUNK CABLES

Micro Distribution Cable / OFNP Rated Cable / PWF A-B Polarization

| FIBERS | MM50 OM-3          | SINGLEMODE OS-2    |
|--------|--------------------|--------------------|
| 12     | SBD5PA-TPTPXXF-B   | RBD5P9-TPTPXXF-B   |
| 24     | SFD5PA-TPTPXXF-BPE | RFD5P9-TPTPXXF-BPE |
| 48     | SJD5PA-TPTPXXF-BPE | RJD5P9-TPTPXXF-BPE |
| 72     | SLD5PA-TPTPXXF-BPE | RLD5P9-TPTPXXF-BPE |
| 144    | SPD5PA-TPTPXXF-BPE | RPD5P9-TPTPXXF-BPE |

#### MTP/LC CASSETTES

A-A Polarization

| FIBERS | MM50 OM-3   | SINGLEMODE OS-2 |
|--------|-------------|-----------------|
| 12     | MFM-S12LCBA | MFM-R12LCBA     |
| 24     | MFM-S24LCBA | MFM-R24LCBA     |

#### DUPLEX PATCH CORDS

2x4mm Zipcord / OFNR Rated Cable

| FIBERS | MM50 OM-3        | SINGLEMODE OS-2  |
|--------|------------------|------------------|
| LC/LC  | S2Z2RA-LCLCXXXMC | R2Z2R9-LCLCXXXMC |
| LC/SC  | S2Z2RA-LCSCXXXMC | R2Z2R9-LCSCXXXMC |

#### RACKMOUNT PATCH PANELS

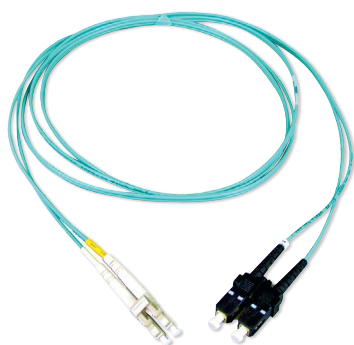
19" or 23"

|               |                                 |
|---------------|---------------------------------|
| <b>RM1U3B</b> | 1U Rackmount 3 Module Capacity  |
| <b>RM4UXB</b> | 4U Rackmount 12 Module Capacity |

#### RACKMOUNT BRACKETS

19"

|                  |   |
|------------------|---|
| <b>MP1U3B</b>    | 1 RU Bracket 3 Cassette Capacity                    |
| <b>MP1U3B-SS</b> | 1 RU Bracket 3 Cassette Capacity with Slack Storage |





### RDC SERIES - RACKMOUNT DATA CENTER DISTRIBUTION PANELS

RDC Series panels are composed of high density patch panels and splice bays. The modular stackable panels allow for flexible deployment, future expansion, and mixture of fusion splicing, preterminated cable assemblies and MTP/MPO based plug and play solutions.



#### ORDERING INFORMATION

| MODEL NO.       | DESCRIPTION                                       |
|-----------------|---|
| <b>RDC3</b>     | 9RU Patch Panel 36 Adapter Plate Capacity - Empty |
| <b>RDCS6E</b>   | 4RU Splice Bay 6 Tray Capacity - Empty            |
| <b>TRAY18MF</b> | Splice Tray 18 Mass Fusion                        |
| <b>TRAY48SF</b> | Splice Tray 48 Single Fusion                      |

#### CUSTOM LOADING ORDERING INFORMATION

| RDC | XXX         | X              | XX          | X          | X            | X          |
|-----|-------------|----------------|-------------|------------|--------------|------------|
|     | FIBER PORTS | FIBER TYPE     | ADAPTER     | PIGTAILS   | DENSITY      | SPLICE BAY |
|     | 216         | R - Singlemode | LC - LC UPC | 5 - 250um  | S - Standard | B - Bottom |
|     | 288         | K - MM62.5 OM1 | LA - LC APC | R - Ribbon | H - High     | M - Middle |
|     | 432         | C - MM50 OM2   | SC - SC UPC |            |              | T - Top    |
|     | 576         | S - MM50 OM3   | SA - SC APC |            |              | X - None   |
|     | 864         | T - MM50 OM4   |             |            |              |            |



### MODULAR PROTECTOR PANELS (MPP)

The Modular Protector Panel is designed to support a variety of high-speed copper/fiber networks. This unit can be adjusted to fit 19" or 23" rack mount or wall mount applications and accommodates up to 18 protection modules. Each module contains front and rear connectors that allow service providers to offer a convenient customer access point.

### ORDERING INFORMATION

| MPP | -X                       | -X                            | -X                 | -X                  | -X                  | X                    |
|-----|--------------------------|-------------------------------|--------------------|---------------------|---------------------|----------------------|
|     | # OF ETHERNET PROTECTORS | # OF ALARM PROTECTION MODULES | # OF T1 PROTECTORS | # OF DS3 PROTECTORS | FIBER ADAPTER PANEL | FIBER CONNECTOR TYPE |
|     | 0 = None                 | 0 = None                      | 0 = None           | 0 = None            | 0 = None            | 0 = None             |
|     | 1 = One                  | 1 = One                       | 1 = One            | 1 = One             | 1 = One             | 1 = LC - LC          |
|     | 2 = Two                  | 2 = Two                       | 2 = Two            | 2 = Two             | 2 = Two             | 2 = SC - SC          |
|     | 3 = Three                | 3 = Three                     | 3 = Three          | 3 = Three           | 3 = Three           | 3 = FC - FC          |
|     | 4 = Four                 |                               | 4 = Four           | 4 = Four            | 4 = Four            | 4 = SC - SC APC      |
|     | 5 = Five                 |                               | 5 = Five           | 5 = Five            | 5 = Five            |                      |
|     | 6 = Six                  |                               | 6 = Six            | 6 = Six             | 6 = Six             |                      |
|     | 7 = Seven                |                               | 7 = Seven          | 7 = Seven           |                     |                      |
|     | 8 = Eight                |                               | 8 = Eight          | 8 = Eight           |                     |                      |
|     | 9 = Nine                 |                               | 9 = Nine           | 9 = Nine            |                     |                      |
|     | A = Ten                  |                               | A = Ten            | A = Ten             |                     |                      |
|     | B = Eleven               |                               | B = Eleven         | B = Eleven          |                     |                      |
|     | C = Twelve               |                               | C = Twelve         | C = Twelve          |                     |                      |
|     | D = Thirteen             |                               | D = Thirteen       | D = Thirteen        |                     |                      |
|     | E = Fourteen             |                               | E = Fourteen       | E = Fourteen        |                     |                      |
|     | F = Fifteen              |                               | F = Fifteen        | F = Fifteen         |                     |                      |
|     | G = Sixteen              |                               | G = Sixteen        | G = Sixteen         |                     |                      |
|     | H = Seventeen            |                               | H = Seventeen      | H = Seventeen       |                     |                      |
|     | I = Eighteen             |                               | I = Eighteen       | I = Eighteen        |                     |                      |

### DIMENSIONS

Dimensions (height x width x depth): 1.72" x 19" x 3.78" (4.4 cm x 48.2 cm x 9.6 cm)







### ADAPTER PLATES

LGX compatible adapter plates available in black, white, and almond.

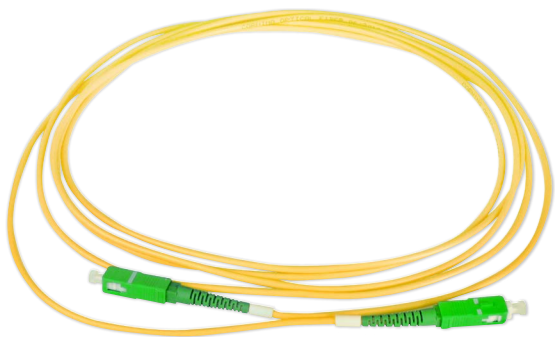


### ORDERING INFORMATION

Replace “-x” with plate color option: “-B” = black, “-W” = white, “-M” = almond/beige

|   | STYLE     | ADAPTERS | FIBER PORTS | USE    | HOUSING | SLEEVE   | MODEL #             |
|---|-----------|----------|-------------|--------|---------|----------|---------------------|
|    | FC        | 6        | 6           | SM/MM  | Metal   | Zirconia | <b>LG1-FC06SR-X</b> |
|   | FC        | 8        | 8           | SM/MM  | Metal   | Zirconia | <b>LG1-FC08SR-X</b> |
|   | FC        | 12       | 12          | SM/MM  | Metal   | Zirconia | <b>LG1-FC12SR-X</b> |
|   | FC APC    | 6        | 6           | SM APC | Metal   | Zirconia | <b>LG1-FA06SR-X</b> |
|   | FC APC    | 8        | 8           | SM APC | Metal   | Zirconia | <b>LG1-FA08SR-X</b> |
|   | FC APC    | 12       | 12          | SM APC | Metal   | Zirconia | <b>LG1-FA12SR-X</b> |
|    | LC Duplex | 6        | 12          | SM     | Blue    | Zirconia | <b>LG1-LC06D1-X</b> |
|   | LC Duplex | 6        | 12          | SM APC | Green   | Zirconia | <b>LG1-LC06D3-X</b> |
|   | LC Duplex | 6        | 12          | MM     | Beige   | PB       | <b>LG1-LC06DB-X</b> |
|   | LC Duplex | 6        | 12          | MM     | Aqua    | PB       | <b>LG1-LC06DA-X</b> |
|  | SC        | 6        | 6           | SM     | Blue    | Zirconia | <b>LG1-SC06S1-X</b> |
|   | SC        | 6        | 6           | SM APC | Green   | Zirconia | <b>LG1-SC06S3-X</b> |
|   | SC        | 6        | 6           | MM     | Beige   | PB       | <b>LG1-SC06SB-X</b> |
|   | SC        | 6        | 6           | MM     | Aqua    | PB       | <b>LG1-SC06SA-X</b> |
|   | SC        | 8        | 8           | SM     | Blue    | Zirconia | <b>LG1-SC08S1-X</b> |
|   | SC        | 8        | 8           | SM APC | Green   | Zirconia | <b>LG1-SC08S3-X</b> |
|   | SC        | 8        | 8           | MM     | Beige   | PB       | <b>LG1-SC08SB-X</b> |
|   | SC        | 8        | 8           | MM     | Aqua    | PB       | <b>LG1-SC08SA-X</b> |
|  | SC Duplex | 6        | 12          | SM     | Blue    | Zirconia | <b>LG1-SC06D1-X</b> |
|   | SC Duplex | 6        | 12          | SM APC | Green   | Zirconia | <b>LG1-SC06D3-X</b> |
|   | SC Duplex | 6        | 12          | MM     | Beige   | PB       | <b>LG1-SC06DB-X</b> |
|   | SC Duplex | 6        | 12          | MM     | Aqua    | PB       | <b>LG1-SC06DA-X</b> |
|  | ST        | 6        | 6           | SM/MM  | Metal   | Zirconia | <b>LG1-ST06SR-X</b> |
|   | ST        | 6        | 6           | MM     | Metal   | PB       | <b>LG1-ST06SK-X</b> |
|   | ST        | 8        | 8           | SM/MM  | Metal   | Zirconia | <b>LG1-ST08SR-X</b> |
|   | ST        | 8        | 8           | MM     | Metal   | PB       | <b>LG1-ST08SK-X</b> |
|   | ST        | 12       | 12          | SM/MM  | Metal   | Zirconia | <b>LG1-ST12SR-X</b> |
|   | ST        | 12       | 12          | MM     | Metal   | PB       | <b>LG1-ST12SK-X</b> |
|  | NONE      | 0        | 0           | N/A    | N/A     | N/A      | <b>LG1-BLANK-X</b>  |





### SIMPLEX JUMPERS

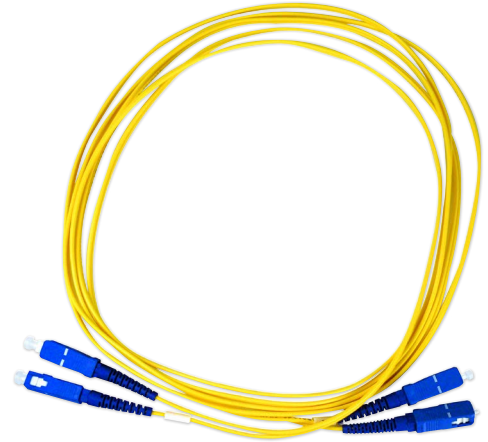
Our Indoor single-strand interconnect jumpers are OFNR Riser Rated, TIA and Telcordia compliant. Typically stocked in 1-10, 12, 15 and 20 meter lengths. Additional lengths, colors and custom options are available upon request.

### ORDERING INFORMATION

| SIMPLEX JUMPERS | LENGTH METERS | SINGLEMODE       |                  | MULTIMODE        |                  |                  |
|-----------------|---------------|------------------|------------------|------------------|------------------|------------------|
|                 |               | OS-2 G652.D      | BIF G657.B2      | 62.5 OM-1        | 50 OM-2          | 50 OM-3 (LO)     |
| LC/SC           | 1             | R1S2R9-LCSC001MC | N1S2R9-LCSC001MC | K1S2R2-LCSC001MC | C1S2R2-LCSC001MC | S1S2RA-LCSC001MC |
|                 | 2             | R1S2R9-LCSC002MC | N1S2R9-LCSC002MC | K1S2R2-LCSC002MC | C1S2R2-LCSC002MC | S1S2RA-LCSC002MC |
|                 | 3             | R1S2R9-LCSC003MC | N1S2R9-LCSC003MC | K1S2R2-LCSC003MC | C1S2R2-LCSC003MC | S1S2RA-LCSC003MC |
| LC/ST           | 1             | R1S2R9-LCST001MC | N1S2R9-LCST001MC | K1S2R2-LCST001MC | C1S2R2-LCST001MC | S1S2RA-LCST001MC |
|                 | 2             | R1S2R9-LCST002MC | N1S2R9-LCST002MC | K1S2R2-LCST002MC | C1S2R2-LCST002MC | S1S2RA-LCST002MC |
|                 | 3             | R1S2R9-LCST003MC | N1S2R9-LCST003MC | K1S2R2-LCST003MC | C1S2R2-LCST003MC | S1S2RA-LCST003MC |
| SC/SC           | 1             | R1S3R9-SCSC001MC | N1S2R9-SCSC001MC | K1S3R2-SCSC001MC | C1S3R2-SCSC001MC | S1S2RA-SCSC001MC |
|                 | 2             | R1S3R9-SCSC002MC | N1S2R9-SCSC002MC | K1S3R2-SCSC002MC | C1S3R2-SCSC002MC | S1S2RA-SCSC002MC |
|                 | 3             | R1S3R9-SCSC003MC | N1S2R9-SCSC003MC | K1S3R2-SCSC003MC | C1S3R2-SCSC003MC | S1S2RA-SCSC003MC |
| SC/ST           | 1             | R1S3R9-SCST001MC | N1S2R9-SCST001MC | K1S3R2-SCST001MC | C1S3R2-SCST001MC | S1S2RA-SCST001MC |
|                 | 2             | R1S3R9-SCST002MC | N1S2R9-SCST002MC | K1S3R2-SCST002MC | C1S3R2-SCST002MC | S1S2RA-SCST002MC |
|                 | 3             | R1S3R9-SCST003MC | N1S2R9-SCST003MC | K1S3R2-SCST003MC | C1S3R2-SCST003MC | S1S2RA-SCST003MC |
| SC-APC/SC       | 1             | R1S3R9-SASC001MC | N1S2R9-SASC001MC |                  |                  |                  |
|                 | 2             | R1S3R9-SASC002MC | N1S2R9-SASC002MC |                  |                  |                  |
|                 | 3             | R1S3R9-SASC003MC | N1S2R9-SASC003MC |                  |                  |                  |
| SC-APC/SC-APC   | 1             | R1S3R9-SASA001MC | N1S2R9-SASA001MC |                  |                  |                  |
|                 | 2             | R1S3R9-SASA002MC | N1S2R9-SASA002MC |                  |                  |                  |
|                 | 3             | R1S3R9-SASA003MC | N1S2R9-SASA003MC |                  |                  |                  |
| ST/ST           | 1             | R1S3R9-STST001MC | N1S2R9-STST001MC | K1S3R2-STST001MC | C1S3R2-STST001MC | S1S2RA-STST001MC |
|                 | 2             | R1S3R9-STST002MC | N1S2R9-STST002MC | K1S3R2-STST002MC | C1S3R2-STST002MC | S1S2RA-STST002MC |
|                 | 3             | R1S3R9-STST003MC | N1S2R9-STST003MC | K1S3R2-STST003MC | C1S3R2-STST003MC | S1S2RA-STST003MC |

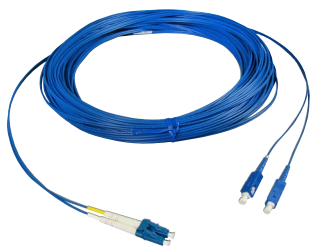
### DUPLEX JUMPERS

Our indoor 2-fiber duplex zipcord interconnect jumpers are OFNR Riser Rated, TIA and Telcordia compliant. Typically stocked in 1-10, 12, 15 and 20 meter lengths. Additional lengths, colors and custom options are available upon request.



### ORDERING INFORMATION

| DUPLEX JUMPERS | LENGTH METERS | SINGLEMODE       |                  | MULTIMODE        |                  |                  |
|----------------|---------------|------------------|------------------|------------------|------------------|------------------|
|                |               | OS-2 G652.D      | BIF G657.B2      | 62.5 OM-1        | 50 OM-2          | 50 OM-3 (LO)     |
| LC/LC          | 1             | R2Z2R9-LCLC001MC | N2Z1R9-LCLC001MC | K2Z2R2-LCLC001MC | C2Z2R2-LCLC001MC | S2Z2RA-LCLC001MC |
|                | 2             | R2Z2R9-LCLC002MC | N2Z1R9-LCLC002MC | K2Z2R2-LCLC002MC | C2Z2R2-LCLC002MC | S2Z2RA-LCLC002MC |
|                | 3             | R2Z2R9-LCLC003MC | N2Z1R9-LCLC003MC | K2Z2R2-LCLC003MC | C2Z2R2-LCLC003MC | S2Z2RA-LCLC003MC |
| LC/SC          | 1             | R2Z2R9-LCSC001MC | N2Z1R9-LCSC001MC | K2Z2R2-LCSC001MC | C2Z2R2-LCSC001MC | S2Z2RA-LCSC001MC |
|                | 2             | R2Z2R9-LCSC002MC | N2Z1R9-LCSC002MC | K2Z2R2-LCSC002MC | C2Z2R2-LCSC002MC | S2Z2RA-LCSC002MC |
|                | 3             | R2Z2R9-LCSC003MC | N2Z1R9-LCSC003MC | K2Z2R2-LCSC003MC | C2Z2R2-LCSC003MC | S2Z2RA-LCSC003MC |
| LC/ST          | 1             | R2Z2R9-LCST001MC | N2Z1R9-LCST001MC | K2Z2R2-LCST001MC | C2Z2R2-LCST001MC | S2Z2RA-LCST001MC |
|                | 2             | R2Z2R9-LCST002MC | N2Z1R9-LCST002MC | K2Z2R2-LCST002MC | C2Z2R2-LCST002MC | S2Z2RA-LCST002MC |
|                | 3             | R2Z2R9-LCST003MC | N2Z1R9-LCST003MC | K2Z2R2-LCST003MC | C2Z2R2-LCST003MC | S2Z2RA-LCST003MC |
| SC/SC          | 1             | R2Z2R9-SCSC001MC | N2Z1R9-SCSC001MC | K2Z3R2-SCSC001MC | C2Z3R2-SCSC001MC | S2Z2RA-SCSC001MC |
|                | 2             | R2Z2R9-SCSC002MC | N2Z1R9-SCSC002MC | K2Z3R2-SCSC002MC | C2Z3R2-SCSC002MC | S2Z2RA-SCSC002MC |
|                | 3             | R2Z2R9-SCSC003MC | N2Z1R9-SCSC003MC | K2Z3R2-SCSC003MC | C2Z3R2-SCSC003MC | S2Z2RA-SCSC003MC |
| SC/ST          | 1             | R2Z2R9-SCST001MC | N2Z1R9-SCST001MC | K2Z3R2-SCST001MC | C2Z3R2-SCST001MC | S2Z2RA-SCST001MC |
|                | 2             | R2Z2R9-SCST002MC | N2Z1R9-SCST002MC | K2Z3R2-SCST002MC | C2Z3R2-SCST002MC | S2Z2RA-SCST002MC |
|                | 3             | R2Z2R9-SCST003MC | N2Z1R9-SCST003MC | K2Z3R2-SCST003MC | C2Z3R2-SCST003MC | S2Z2RA-SCST003MC |
| SC-APC/SC      | 1             | R2Z2R9-SASC001MC | N2Z1R9-SASC001MC |                  |                  |                  |
|                | 2             | R2Z2R9-SASC002MC | N2Z1R9-SASC002MC |                  |                  |                  |
|                | 3             | R2Z2R9-SASC003MC | N2Z1R9-SASC003MC |                  |                  |                  |
| SC-APC/SC-APC  | 1             | R2Z2R9-SASA001MC | N2Z1R9-SASA001MC |                  |                  |                  |
|                | 2             | R2Z2R9-SASA002MC | N2Z1R9-SASA002MC |                  |                  |                  |
|                | 3             | R2Z2R9-SASA003MC | N2Z1R9-SASA003MC |                  |                  |                  |
| ST/ST          | 1             | R2Z2R9-STST001MC | N2Z1R9-STST001MC | K2Z3R2-STST001MC | C2Z3R2-STST001MC | S2Z2RA-STST001MC |
|                | 2             | R2Z2R9-STST002MC | N2Z1R9-STST002MC | K2Z3R2-STST002MC | C2Z3R2-STST002MC | S2Z2RA-STST002MC |
|                | 3             | R2Z2R9-STST003MC | N2Z1R9-STST003MC | K2Z3R2-STST003MC | C2Z3R2-STST003MC | S2Z2RA-STST003MC |

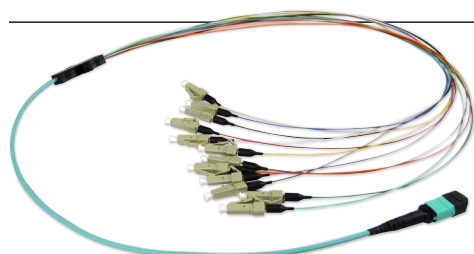


### CUSTOM FIBER ASSEMBLIES

Tii offers an extensive line of custom factory terminated cable assemblies ranging from 1 to 144 fibers, for both indoor and outdoor use. Build your own custom fiber assembly using the ordering information guide below in combination with the cable construction type selector. Contact your sales representative for assistance.

#### ORDERING INFORMATION

| X                         | X           | XXXX                     | — XX                     | XX                       | XXX                                     | XXXX            |
|---------------------------|-------------|--------------------------|--------------------------|--------------------------|---|-----------------|
| FIBER MODE                | FIBER COUNT | CABLE CONSTRUCTION STYLE | CONNECTORS SIDE A        | CONNECTORS SIDE B        | LENGTH                                  | UNIT OF MEASURE |
| R - Singlemode SMF28e+    | 1 - 1       | *see cable type selector | D4 - D4                  | NA - None (Pigtail)      | 3 digit with leading 0's<br>ex. 001 = 1 | N - Inches      |
| N - BIF G.657             | 2 - 2       |                          | ES - ESCON               | D4 - D4                  |   | F - Feet        |
| K - OM1 Multimode 62.5    | 4 - 4       |                          | FD - FDDI                | ES - ESCON               |   | C - Centimeters |
| C - OM2 Multimode 50um    | 6 - 6       |                          | FC - FC                  | FD - FDDI                |   | M - Meters      |
| S - OM3 Multimode 50 300m | 8 - 8       |                          | FA - FC APC              | FC - FC                  |   |                 |
| T - OM4 Multimode 50 550m | B - 12      |                          | LC - LC                  | FA - FC APC              |   |                 |
|                           | C - 16      |                          | LA - LC APC              | LC - LC                  |   |                 |
|                           | D - 18      |                          | TP - MTP/MPO Female      | LA - LC APC              |   |                 |
|                           | F - 24      |                          | TM - MTP/MPO Male        | TP - MTP/MPO Female      |   |                 |
|                           | H - 36      |                          | MT - MTRJ Female         | TM - MTP/MPO Male        |   |                 |
|                           | J - 48      |                          | MM - MTRJ Male           | MT - MTRJ Female         |   |                 |
|                           | L - 72      |                          | MU - MU                  | MM - MTRJ Male           |   |                 |
|                           | N - 96      |                          | OT - FTTx OptiFit SC APC | MU - MU                  |   |                 |
|                           | P - 144     |                          | SC - SC                  | OT - FTTx OptiFit SC APC |   |                 |
|                           |             |                          | SA - SC APC              | SC - SC                  |   |                 |
|                           |             |                          | S5 - SMA 905             | SA - SC APC              |   |                 |
|                           |             |                          | S6 - SMA 906             | S5 - SMA 905             |   |                 |
|                           |             |                          | ST - ST                  | S6 - SMA 906             |   |                 |
|                           |             |                          |                          | ST - ST                  |   |                 |



#### FEATURES/BENEFITS:

- Exceeds industry standards
- Cost saving preterminated solutions
- Customizable options
- Quick turnaround service

#### CABLE CONSTRUCTION DESCRIPTIONS

|  |  |
|--|--|
| <b>SIMPLEX</b>                         | Single fiber cable. Available with indoor PVC Riser or Plenum, and Indoor/Outdoor Riser flame rated jackets. Several jacket color options.   |
| <b>DUPLEX</b>                          | Two fiber cable using a zip-cord style construction. Riser, Plenum and jacket color options.   |
| <b>DISTRIBUTION</b>                    | Multifiber cable between 2-144 strands of 900um tight buffer fibers with strength member and over jacket. Terminated 900um legs should be protected behind a patch panel, also available with furcated 2mm legs to simulate breakout style cable at the terminated ends. Riser, Plenum, Indoor/Outdoor options.  |
| <b>INTERLOCKING ARMOR DISTRIBUTION</b> | Multifiber cable between 2-24 strands of 900um tight buffer distribution cable with OFCP interlocking armor over jacketed for crush resistance. Available in Plenum.   |
| <b>MICRODISTRIBUTION</b>               | Multifiber cable between 12-144 strands of 250um bare fiber with strength member and over jacket. Designed to replace ribbon in high density applications where bend radius would be limited. Typically terminated with MTP/MPO style connectors, but also available with standard LC and SC connections with the addition of 900um fan-out kits. Riser, and Plenum options. |
| <b>RIBBON</b>                          | Multifiber cable between 12-144 strands of 12 fiber ribbon 250um with strength member and over jacket. Terminated ends will be built up to 900um legs using fan-out kits. Riser, and Plenum options.   |
| <b>LOOSE TUBE</b>                      | Multifiber cable between 2-144 strands of 250um bare fiber with strength member and combination OSP and Riser rated jacket. Used to transition from OSP splice point to inside the premise without having to transition to another indoor only rated cable. Terminated ends will be built up to 900um using fan-out kits.  |
| <b>FLAT DROP</b>                       | Multifiber cable between 1-12 strands of 250um bare fiber. Extremely rugged cable for aerial lashed, aerial self-supporting, and direct bury use. Typically used as a drop or service cable. Available in all dielectric and tonable versions.   |

| CABLE CONSTRUCTION TYPE SELECTOR  |        | SM OS-2 | SM BIF | MM OM-1 | MM OM-2 | MM OM-3  | MM OM-4  |
|-----------------------------------|--------|---------|--------|---------|---------|----------|----------|
| INDOOR RISER (OFNR)               | FIBERS | G.652.D | G.657  | 62.5    | 50UM 80 | 50UM 300 | 50UM 550 |
| SIMPLEX 2.9MM                     | 1      | S3R9    | S3R9   | S3R2    | S3R2    | S3RA     |          |
| SIMPLEX 2.0MM                     | 1      | S2R9    | S2R9   | S2R2    | S2R2    | S2RA     | S2RA     |
| SIMPLEX 1.6MM                     | 1      | S1R9    | S1R9   | S1R2    | S1R2    | S1RA     |          |
| DUPLEX ZIPCORD 2.9MM              | 2      | Z3R9    | Z3R9   | Z3R2    | Z3R2    | Z3RA     |          |
| DUPLEX ZIPCORD 2.0MM              | 2      | Z2R9    | Z2R9   | Z2R2    | Z2R2    | Z2RA     | Z2RA     |
| DUPLEX ZIPCORD 1.6MM              | 2      | Z1R9    | Z1R9   | Z1R2    | Z1R2    | Z1RA     | Z1RA     |
| FANOUT/BREAKOUT 2.0MM             | 2-24   | F2R9    | F2R9   | F2R2    | F2R2    | F2RA     |          |
| FANOUT/BREAKOUT 1.6MM             | 2-24   | F1R9    | F1R9   | F1R2    | F1R2    | F1RA     |          |
| DISTRIBUTION 900UM                | 2-24   | D9R9    | D9R9   | D9R2    | D9R2    | D9RA     |          |
| DISTRIBUTION 900UM                | 36-144 | DUR9    | DUR9   | DUR2    | DUR2    | DURA     |          |
| MICRO DISTRIBUTION 250UM          | 12-144 | D5R9    | D5R9   | D5R2    | D5R2    | D5RA     | D5RA     |
| RIBBON                            | 12-144 | RBR9    | RBR9   | RBR2    | RBR2    | RBRA     |          |
| INDOOR PLENUM (OFNP)              |        |         |        |         |         |          |          |
| SIMPLEX 2.9MM                     | 1      | S3P9    | S3P9   | S3P2    | S3P2    | S3PA     |          |
| SIMPLEX 2.0MM                     | 1      | S2P9    | S2P9   | S2P2    | S2P2    | S2PA     |          |
| SIMPLEX 1.6MM                     | 1      | S1P9    | S1P9   | S1P2    | S1P2    | S1PA     |          |
| DUPLEX ZIPCORD 2.9MM              | 2      | Z3P9    | Z3P9   | Z3P2    | Z3P2    | Z3PA     |          |
| DUPLEX ZIPCORD 2.0MM              | 2      | Z2P9    | Z2P9   | Z2P2    | Z2P2    | Z2PA     | Z2PA     |
| DUPLEX ZIPCORD 1.6MM              | 2      | Z1P9    | Z1P9   | Z1P2    | Z1P2    | Z1PA     | Z1PA     |
| FANOUT/BREAKOUT 2.0MM             | 2-24   | F2P9    | F2P9   | F2P2    | F2P2    | F2PA     |          |
| FANOUT/BREAKOUT 1.6MM             | 2-24   | F1P9    | F1P9   | F1P2    | F1P2    | F1PA     |          |
| DISTRIBUTION 900UM                | 2-24   | D9P9    | D9P9   | D9P2    | D9P2    | D9PA     |          |
| DISTRIBUTION 900UM                | 36-144 | DUP9    | DUP9   | DUP2    | DUP2    | DUPA     |          |
| MICRO DISTRIBUTION 250UM          | 12-144 | D5P9    | D5P9   | D5P2    | D5P2    | D5PA     | D5PA     |
| RIBBON                            | 12     | RBP9    | RBP9   | RBP2    | RBP2    | RBPA     |          |
| INDOOR PLENUM (OFCP)              |        |         |        |         |         |          |          |
| INTERLOCKING ARMORED DISTRIBUTION | 2-24   | D9A9    | D9A9   | D9A2    | D9A2    | D9AA     |          |
| INDOOR OUTDOOR RISER (OFNR)       |        |         |        |         |         |          |          |
| SIMPLEX 4.8MM                     | 1      |         | I4R8   |         |         |          |          |
| SIMPLEX 2.9MM                     | 1      | I3R8    | I3R8   | I3R8    |         | I3R8     |          |
| SIMPLEX 2.0MM                     | 1      | I2R8    | I2R8   | I2R8    |         | I2R8     |          |
| DISTRIBUTION 900UM                | 2-24   | I9R8    | I9R8   | I9R8    | I9R8    | I9R8     |          |
| LOOSE TUBE 250UM                  | 2-144  | I5R8    | I5R8   | I5R8    | I5R8    | I5R8     |          |
| OSP LOOSE TUBE                    |        |         |        |         |         |          |          |
| DIELECTRIC SST FLAT DROP          | 1-12   | C5N8    |        |         |         |          |          |
| TONABLE SST FLAT DROP             | 1-12   | C5V8    |        |         |         |          |          |





### SIMPLEX & DUPLEX PATCH CORDS – MADE TO ORDER

Indoor patch cords made to order.  
Custom jacket colors, riser & plenum rated cable.

### CUSTOM ORDERING INFORMATION

| X               | XX           | X         | X            | X            | XX           | XX           |             |            |
|-----------------|--------------|-----------|--------------|--------------|--------------|--------------|-------------|------------|
| FIBER TYPE      | # OF FIBERS  | DIAMETER  | FLAME RATING | JACKET COLOR | END A        | END B        | LENGTH      | UOM        |
| N - BIF G.657A2 | 1S = Simplex | 1 - 1.6mm | R - Riser    | 1 - Blue     | BC - Biconic | BC - Biconic | 3 Digit,    | F - Feet   |
| R - SM OS2      | 2Z = Duplex  | 2 - 2.0mm | P - Plenum   | 2 - Orange   | D4 - D4      | D4 - D4      | ex. 001 = 1 | M - Meters |
| K - MM62.5 OM1  |              | 3 - 3.0mm |              | 3 - Green    | FC - FC      | FC - FC      |             |            |
| C - MM50 OM2    |              |           |              | 4 - Brown    | FA - FC APC  | FA - FC APC  |             |            |
| S - MM50 OM3    |              |           |              | 5 - Slate    | LC - LC      | LC - LC      |             |            |
|                 |              |           |              | 6 - White    | LA - LC APC  | LA - LC APC  |             |            |
|                 |              |           |              | 7 - Red      | MT - MTRJ    | MT - MTRJ    |             |            |
|                 |              |           |              | 8 - Black    | S5 - SMA905  | S5 - SMA905  |             |            |
|                 |              |           |              | 9 - Yellow   | S6 - SMA906  | S6 - SMA906  |             |            |
|                 |              |           |              | V - Violet   | SC - SC      | SC - SC      |             |            |
|                 |              |           |              | R - Rose     | SA - SC APC  | SA - SC APC  |             |            |
|                 |              |           |              | A - Aqua     | ST - ST      | ST - ST      |             |            |

Colored duplex is typically stocked in Plenum rated cable for riser or plenum use.



### INDOOR/OUTDOOR MDU DROP CABLES

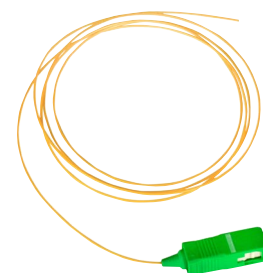
Rugged singlemode G.657A2/B2 bend insensitive simplex cable assemblies for indoor/outdoor, FTTH pigtail splicing and MDU service entries. They offer a flexible indoor/outdoor jacket with the capability to handle 5mm tight bends around corners and other common installation obstacles. Available in both 3mm and 4.8mm simplex.

### ORDERING INFORMATION

| N1I | X         | R8 | - XX        | XX           | XXX                   | X          |
|-----|-----------|----|-------------|--------------|-----------------------|------------|
|     | DIAMETER  |    | CONNECTOR A | CONNECTOR B  | LENGTH                | UOM        |
|     | 3 - 2.9mm |    | LC - LC UPC | LC - LC UPC  | 3 Digit, e.g. 001 = 1 | F - Feet   |
|     | 4 - 4.8mm |    | SA - SC APC | SA - SC APC  |                       | M - Meters |
|     |           |    | SC - SC UPC | SC - SC UPC  |                       |            |
|     |           |    | ST - ST UPC | ST - ST UPC  |                       |            |
|     |           |    |             | NA - Pigtail |                       |            |

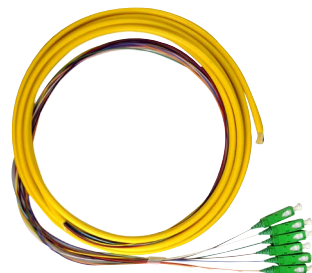
### SIMPLEX 900UM PIGTAILS

| SINGLEMODE |                  | MM62.5 OM-1  |                  | MM50 OM-2 |                  | MM50 OM-3 |                  |
|------------|------------------|--|------------------|-----------|------------------|-----------|------------------|
| FC         | <b>R1S9-FC1M</b> | LC   | <b>K1S9-LC1M</b> | LC        | <b>C1S9-LC1M</b> | LC        | <b>S1S9-LC1M</b> |
| FC APC     | <b>R1S9-FA1M</b> | SC   | <b>K1S9-SC1M</b> | SC        | <b>C1S9-SC1M</b> | SC        | <b>S1S9-SC1M</b> |
| LC         | <b>R1S9-LC1M</b> | ST   | <b>K1S9-ST1M</b> | ST        | <b>C1S9-ST1M</b> | ST        | <b>S1S9-ST1M</b> |
| SC         | <b>R1S9-SC1M</b> | <ul style="list-style-type: none"> <li>• Tight Buffer 900um</li> <li>• Standard length 1 meter</li> <li>• Individually bagged and labeled</li> </ul> |                  |           |                  |           |                  |
| SC APC     | <b>R1S9-SA1M</b> |  |                  |           |                  |           |                  |
| ST         | <b>R1S9-ST1M</b> |  |                  |           |                  |           |                  |



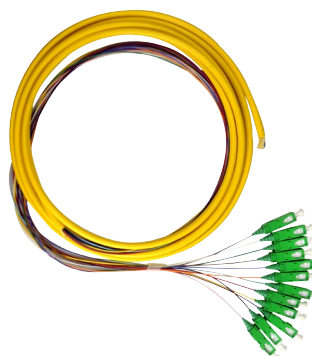
### 6 FIBER 900UM PIGTAILS

| SINGLEMODE |                  | MM62.5 OM-1  |                  | MM50 OM-2 |                  | MM50 OM-3 |                  |
|------------|------------------|--|------------------|-----------|------------------|-----------|------------------|
| FC         | <b>R6D9-FC2M</b> | LC   | <b>K6D9-LC2M</b> | LC        | <b>C6D9-LC2M</b> | LC        | <b>S6D9-LC2M</b> |
| FC APC     | <b>R6D9-FA2M</b> | SC   | <b>K6D9-SC2M</b> | SC        | <b>C6D9-SC2M</b> | SC        | <b>S6D9-SC2M</b> |
| LC         | <b>R6D9-LC2M</b> | ST   | <b>K6D9-ST2M</b> | ST        | <b>C6D9-ST2M</b> | ST        | <b>S6D9-ST2M</b> |
| SC         | <b>R6D9-SC2M</b> | <ul style="list-style-type: none"> <li>• Fiber Tight Buffer 900um</li> <li>• Standard length 2 meters</li> <li>• Clear molded packaging</li> </ul> |                  |           |                  |           |                  |
| SC APC     | <b>R6D9-SA2M</b> |  |                  |           |                  |           |                  |
| ST         | <b>R6D9-ST2M</b> |  |                  |           |                  |           |                  |



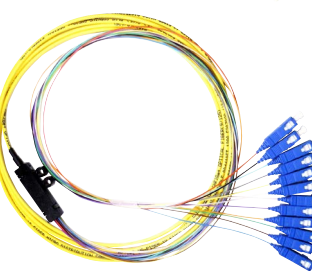
### 12 FIBER 900UM PIGTAILS

| SINGLEMODE |                  | MM62.5 OM-1   |                  | MM50 OM-2 |                  | MM50 OM-3 |                  |
|------------|------------------|---|------------------|-----------|------------------|-----------|------------------|
| FC         | <b>RBD9-FC3M</b> | LC  | <b>KBD9-LC3M</b> | LC        | <b>CBD9-LC3M</b> | LC        | <b>SBD9-LC3M</b> |
| FC APC     | <b>RBD9-FA3M</b> | SC  | <b>KBD9-SC3M</b> | SC        | <b>CBD9-SC3M</b> | SC        | <b>SBD9-SC3M</b> |
| LC         | <b>RBD9-LC3M</b> | ST  | <b>KBD9-ST3M</b> | ST        | <b>CBD9-ST3M</b> | ST        | <b>SBD9-ST3M</b> |
| SC         | <b>RBD9-SC3M</b> | <ul style="list-style-type: none"> <li>• 12-Fiber Tight Buffer 900um</li> <li>• Standard length 3 meters</li> <li>• Clear molded packaging</li> </ul> |                  |           |                  |           |                  |
| SC APC     | <b>RBD9-SA3M</b> |   |                  |           |                  |           |                  |
| ST         | <b>RBD9-ST3M</b> |   |                  |           |                  |           |                  |



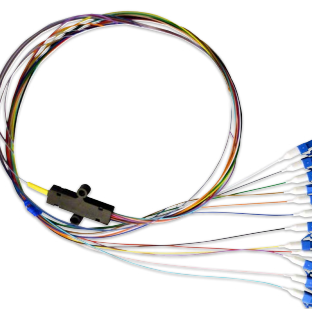
### 12 FIBER 250UM PIGTAILS

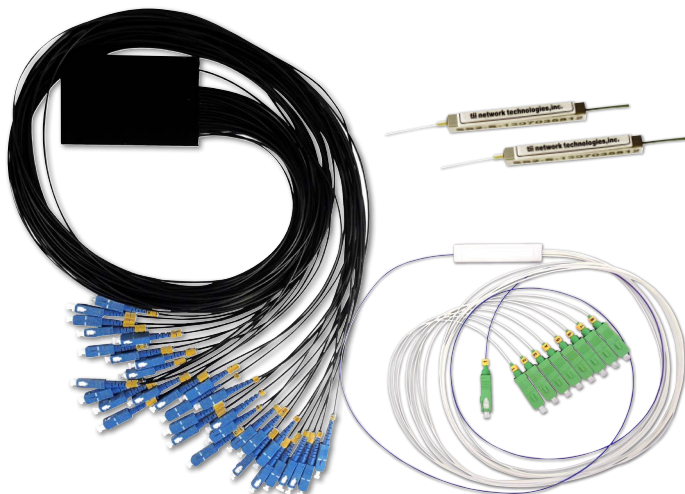
| SINGLEMODE |                  | MM62.5 OM-1   |                  | MM50 OM-2 |                  | MM50 OM-3 |                  |
|------------|------------------|---|------------------|-----------|------------------|-----------|------------------|
| FC         | <b>RBD5-FC3M</b> | LC  | <b>KBD5-LC3M</b> | LC        | <b>CBD5-LC3M</b> | LC        | <b>SBD5-LC3M</b> |
| FC APC     | <b>RBD5-FA3M</b> | SC  | <b>KBD5-SC3M</b> | SC        | <b>CBD5-SC3M</b> | SC        | <b>SBD5-SC3M</b> |
| LC         | <b>RBD5-LC3M</b> | ST  | <b>KBD5-ST3M</b> | ST        | <b>CBD5-ST3M</b> | ST        | <b>SBD5-ST3M</b> |
| SC         | <b>RBD5-SC3M</b> | <ul style="list-style-type: none"> <li>• 12-Fiber micro-distribution 250um</li> <li>• Standard length 3 meters</li> <li>• Clear molded packaging</li> </ul> |                  |           |                  |           |                  |
| SC APC     | <b>RBD5-SA3M</b> |   |                  |           |                  |           |                  |
| ST         | <b>RBD5-ST3M</b> |   |                  |           |                  |           |                  |



### 12 FIBER RIBBON PIGTAILS

| SINGLEMODE |                  | MM62.5 OM-1   |                  | MM50 OM-2 |                  | MM50 OM-3 |                  |
|------------|------------------|---|------------------|-----------|------------------|-----------|------------------|
| FC         | <b>RBRB-FC3M</b> | LC  | <b>KBRB-LC3M</b> | LC        | <b>CBRB-LC3M</b> | LC        | <b>SBRB-LC3M</b> |
| FC APC     | <b>RBRB-FA3M</b> | SC  | <b>KBRB-SC3M</b> | SC        | <b>CBRB-SC3M</b> | SC        | <b>SBRB-SC3M</b> |
| LC         | <b>RBRB-LC3M</b> | ST  | <b>KBRB-ST3M</b> | ST        | <b>CBRB-ST3M</b> | ST        | <b>SBRB-ST3M</b> |
| SC         | <b>RBRB-SC3M</b> | <ul style="list-style-type: none"> <li>• 12-Fiber Ribbon Fanout</li> <li>• Color coded 900um Fanout kit 25" legs</li> <li>• Standard length 3 meters</li> <li>• Clear molded packaging</li> </ul> |                  |           |                  |           |                  |
| SC APC     | <b>RBRB-SA3M</b> |   |                  |           |                  |           |                  |
| ST         | <b>RBRB-ST3M</b> |   |                  |           |                  |           |                  |





### PLC SPLITTERS

1xN Planar Light wave Circuit (PLC) Splitters based on Plasma Chemical Vapor Deposition (P-CVD) Technology for providing stable optical performance characteristics. PLC Splitters feature guaranteed performance specifications and high reliability that surpasses Telcordia requirements and are suitable for many Singlemode optical splitting applications.

#### ORDERING INFORMATION

| PLC | X                     | XXX        | XX          | X          | X          |
|-----|-----------------------|------------|-------------|------------|------------|
|     | PACKAGE               | PORTS      | CONNECTOR   | LEG LENGTH | UOM        |
|     | R - Bare Fiber Ribbon | 104 - 1x4  | N/A - None  | 1          | F - Feet   |
|     | 9 - 900um             | 108 - 1x8  | LA - LC-APC | 2          | M - Meters |
|     | M - Module 2mm        | 116 - 1x16 | LC - LC-UPC | 3          |            |
|     |                       | 132 - 1x32 | SA - SC-APC | 4          |            |
|     |                       |            | SC - SC-UPC | 5          |            |



### FSC SPLITTERS

Singlemode FSC splitters are passive optical assemblies that split and combine signals in fiber networks. The 1RU panel is 19 and 23 inch rack and wall mountable.

#### ORDERING INFORMATION

| FSC | X      | N | XX      | XX          | X         |
|-----|--------|---|---------|-------------|-----------|
|     | INPUTS |   | OUTPUTS | ADAPTER     | COLOR     |
|     | 1      |   | 08      | LC - LC UPC | B = Black |
|     | 2      |   | 16      | LA - LC APC |           |
|     |        |   | 32      | SC - SC UPC |           |
|     |        |   | 64      | SA - SC APC |           |

#### DIMENSIONS

Dimensions (height x width x depth): 1.70" x 17.19" x 8.22" (4.3 cm x 43.6 cm x 20.8 cm)

### OPTICAL NETWORK TERMINAL STORAGE SHELF

The ONT-SS is designed to securely consolidate key fiber to the home components. Its unique design offers a compact solution to install a wide variety of ONTs, routers and battery back-ups, onto a shelf at the customer premise where space is often limited.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                            |
|-----------|--|
| ONT-SS    | Optical Network Terminal Storage Shelf |



### 442 & 442C – GROUNDING MODULES WITH AC OUTLET

The 442 Grounding Module detects the presence of AC power and ground. It also provides an auxiliary 15A rated AC receptacle and ground connection. This unit is ideal for providing grounding for ONT networks.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 442       | Grounding Module with AC Outlet  |
| 442C      | Grounding Module with Coax Connectors  |
| 442CGT    | Grounding Module for AC/Coax with AC Outlet & Ground Plug                          |
| 442CSE    | Grounding Module for Grounding Coax Cable & ONT Utilizing 2-Prong Polarized Outlet |



### QUICK TERMINATION FIELD INSTALLABLE CONNECTOR KIT

Pre-polished, pre-assembled field installable connector compatible with the standard SC and LC interface. Internal mechanical splice grip gently but effectively holds the fiber in place and can be installed in under two minutes. The QT series connectors makes field installations quick and easy, eliminating the need for epoxy curing and hand polishing at the work site. The connector packs include an assembling jig and fiber holder, making for an accurate alignment and fiber cleave when terminating the connector. Installing the QT series connectors require typical technician hand tools and a precision fiber cleaver or an optional complete installation tool kit is available.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                               |
|-----------|---|
| QT-SCR    | SC UPC Singlemode for 250um or 900um      |
| QT-SAR    | SC APC Singlemode for 250um or 900um      |
| QT-SCC    | SC PC Multimode 50um for 250um or 900um   |
| QT-SCK    | SC PC Multimode 62.5um for 250um or 900um |
| QT-LCR    | LC UPC Singlemode for 250um or 900um      |
| QT-LCC    | LC PC Multimode 50um for 250um or 900um   |
| QT-LCK    | LC PC Multimode 62.5um for 250um or 900um |
| QT-KIT    | QT Connector Installation Tool Kit        |







### FST - FIBER SPLICE TRAY

The FST Series are stackable fiber splice trays ideally suited for patch and splice combination panels and splice panels. The splice trays are designed with three point self-securing features. For single or mass fusion applications.

#### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION                                     |
|------------------|---|
| <b>FST-ASF24</b> | Splice Tray 24 Single Fusion                    |
| <b>FST-AMF06</b> | Splice Tray 6 Mass Fusion 72 Fibers             |
| <b>FST-AUNIV</b> | Splice Tray Universal 24 Single / 6 Mass Fusion |

#### ACCESSORIES

|                 |                                  |
|-----------------|----------------------------------|
| <b>FST-BKT1</b> | Mounting Bracket 1.0 IN Standoff |
| <b>FST-BKT2</b> | Mounting Bracket 1.5 IN Standoff |



### FUSION SPLICE PROTECTION SLEEVES

Heat shrink splice protectors for single and mass fusion.

#### SINGLE FUSION

| MODEL NO.        | DESCRIPTION                         | UOM      |
|------------------|-------------------------------------|----------|
| <b>SPLICE40S</b> | Splice Sleeve 40mm x 3.0mm Standard | 100/Pack |
| <b>SPLICE40T</b> | Splice Sleeve 40mm x 2.5mm Thin     | 100/Pack |
| <b>SPLICE60S</b> | Splice Sleeve 60mm x 3.0mm Standard | 100/Pack |
| <b>SPLICE60T</b> | Splice Sleeve 60mm x 2.5mm Thin     | 100/Pack |

#### MASS FUSION

|                    |  |         |
|--------------------|--|---------|
| <b>SPLICERBN25</b> | Mass Sleeve Single Strength 40mm (4.0 x 4.7mm) | 25/Pack |
|--------------------|--|---------|

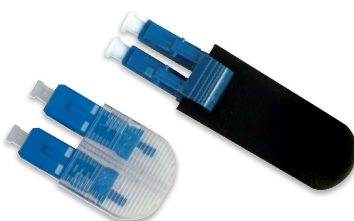


### FIT - FIBER INSTALLATION TOOL

Fiber Installation Tool (FIT) is a handy tool used to thread fiber cables and connectors through walls during installation. This unique tool is ideal for residential and commercial fiber installations.

#### ORDERING INFORMATION

| MODEL NO.  | DESCRIPTION             |
|------------|-------------------------|
| <b>FIT</b> | Fiber Installation Tool |



### LOOP BACK

Fiber optic loop back assemblies route the transmitter back to the receiver using the shortest distance practical. Useful for remote testing, engineering development and equipment burn-in.

#### ORDERING INFORMATION

| MODEL NO.      | DESCRIPTION                       |
|----------------|-----------------------------------|
| <b>FLB-SLC</b> | Fiber Loop Back LC MM50 OM3       |
| <b>FLB-SSC</b> | Fiber Loop Back SC MM50 OM3       |
| <b>FLB-KLC</b> | Fiber Loop Back LC MM62.5 OM1     |
| <b>FLB-KSC</b> | Fiber Loop Back SC MM62.5 OM1     |
| <b>FLB-RLC</b> | Fiber Loop Back LC SM OS-2 G652.D |
| <b>FLB-RSC</b> | Fiber Loop Back SC SM OS-2 G652.D |

### ATTENUATORS

Singlemode fiber optic attenuators reduce the power of laser light signal as it passes through metal-ion doped fiber. High power lasers can overdrive the networks receivers and cause high BER or link failure.

#### ORDERING INFORMATION

| STYLE  | MODEL NO.       | COMMON IN-STOCK ATTENUATION LEVELS         |
|--------|-----------------|--|
| FC     | <b>ATN-FCXX</b> | 05, 10, 15, 20                             |
| FC-APC | <b>ATN-FAXX</b> | 05, 10, 15, 20                             |
| LC     | <b>ATN-LCXX</b> | 05, 10, 15, 20                             |
| LC-APC | <b>ATN-LAXX</b> | 05, 10, 15, 20                             |
| SC     | <b>ATN-SCXX</b> | 01, 02, 03, 05, 07, 10, 15, 20             |
| SC-APC | <b>ATN-SAXX</b> | 01, 02, 03, 04, 05, 06, 07, 08, 10, 15, 20 |
| ST     | <b>ATN-STXX</b> | 01, 02, 03, 05, 07, 10, 15, 20             |



### OTDR LAUNCH BOXES

LBX OTDR Launch boxes are required when testing fiber optic cable using an OTDR. The launch box when connected to the OTDR, will minimize the effects of launch pulse and aid with measurement uncertainty.

#### ORDERING INFORMATION

| LBX | X               | XX      | XX          | XXX                |
|-----|-----------------|---------|-------------|--------------------|
|     | MODE            | END 1   | END 2       | LENGTH (IN METERS) |
|     | R = Singlemode  | FC - FC | FC - FC     | 100                |
|     | K = MM62.5 OM-1 | SC - SC | FA - FC APC | 150                |
|     | C = MM50 OM-2   | ST - ST | LC - LC     | 305                |
|     | S = MM50 OM-3   |         | LA - LC APC | 500                |
|     |                 |         | MU - MU     | 1KM                |
|     |                 |         | SC - SC     |                    |
|     |                 |         | SA - SC APC |                    |
|     |                 |         | ST - ST     |                    |



### US CONEC IBC FERRULE CLEANERS

The US Conec IBC™ dry cloth ferrule cleaners are designed to effectively remove oil and dust contaminants that can negatively impact optical performance. The IBC cleaners can be used on unmated connectors such as cable assemblies or by removing the ferrule adapter; the unit will slide into an adapter and properly clean the ferrule behind a patch panel without having to remove the connector.

#### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION  |
|--------------|--|
| <b>9392</b>  | IBC 2.5mm - FC, SC, and ST for PC and APC              |
| <b>9393</b>  | IBC 1.25mm - LC, LC Secure Keyed and MU for PC and APC |
| <b>13310</b> | IBC M250 2.5mm - FC, SC, and ST for PC and APC         |
| <b>9394</b>  | IBC 2.5mm OptiTap compatible hardened connectors       |
| <b>7104</b>  | IBC MTP/MPO with or without guide pins for PC and APC  |
| <b>8247</b>  | IBC MTP OptiTip compatible hardened connectors         |





### TVFL SERIES VISUAL FAULT LOCATOR

Visual fault locator for optical network verification and certification. The TTVFL series is a handheld fiber checker for singlemode or multimode applications to verify continuity and identify damaged or broken fibers.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                           |
|-----------|---------------------------------------|
| TVFL05    | Visual Fault Locator 5 KM             |
| TVFL20    | Visual Fault Locator High Power 20 KM |



### SINGLE FIBER CLEAVER

The TFC6 is a single fiber cleaver for 250 and 900 um coated fibers. Stable high quality platform aids in accurate and repeatable precision cleaves for mechanical or fusion splicing.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                    |
|-----------|--------------------------------|
| TFC6      | Single Fiber Precision Cleaver |



### OPTICAL POWER METER

Power meter for optical network verification and certification. The TPM series is a handheld meter with large backlight LCD screen with microprocessor. Precision measurements for both Singlemode and multimode applications with a wide power range.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                               |
|-----------|---|
| TPM1      | Power Meter 850-1625nm FC/SC/ST Interface |



### OPTICAL LIGHT SOURCE

Light source for optical network verification and certification. The TLS series is a handheld optical source with large backlit display with microprocessor. Stable and precision source for both singlemode and multimode applications. Provides either continuous or modulated 2 KHz signals.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION   |
|-----------|---|
| TLS2S     | Light Source Dual Singlemode 1310/1550 NM                         |
| TLS4MS    | Light Source Quad Singlemode<br>& Multimode 850/1300/1310/1550 NM |

### FSD SERIES - FIBER SPLICE DOME ENCLOSURE

FSD Series fiber optic splice enclosures are a butt end splice closures equipped with Roxtec cable sealing technologies. Constructed of superior materials to withstand harsh outdoor environments, such as UV degradation, chemical exposure and cold temperatures to ensure continuous operation of high speed fiber networks. The seals in the ports of the lid prevent gas, water or humidity from entering the enclosure.

#### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION                                      |
|------------------|--|
| <b>FSD-1120N</b> | FSD Series 1 with 1 Splice Tray 2 Small Grommets |
| <b>FSD-2102N</b> | FSD Series 2 with 1 Splice Tray 2 Large Grommets |
| <b>FSD-TU</b>    | Splice Tray 24 Single/144 Mass Fusion            |
| <b>FSD-G18</b>   | Cable Entry Grommet RSL-31 Small 8-18mm          |
| <b>FSD-G30</b>   | Cable Entry Grommet RSL-50 Large 8-30mm          |
| <b>FSD-1A</b>    | FSD-1 Aerial Straps                              |
| <b>FSD-2A</b>    | FSD-2 Aerial Straps                              |

#### CUSTOM LOADING ORDERING INFORMATION

| FSD | X    | X     | X              | X              | X                |
|-----|------|-------|----------------|----------------|------------------|
|     | SIZE | TRAYS | GROMMET 8-18MM | GROMMET 8-30MM | ACCESSORY        |
| 1   |      | 0 - 8 | 0 - 2          | 0 - 4          | N = None         |
| 2   |      |       |                |                | A = Aerial Strap |

#### DIMENSIONS

Dimensions (height x diameter): **FSD1** - 19.6" x 6.0" (49.8 cm x 15.2 cm)  
**FSD2** - 21.25" x 8.4" (53.9 cm x 21.3)



### FTTA SERIES - SEALED FTTA FIBER AND POWER DOME DISTRIBUTION TERMINAL

The FTTA-DDT is a sealed dome terminal providing fiber management and power surge protection/distribution for remote radio applications on towers and rooftops. The dome enclosure is equipped with industry proven Roxtec Multidiameter™ cable sealing technologies and is constructed of superior materials to withstand harsh outdoor environments such as UV degradation, dust, rain, snow, ice and cold temperatures.

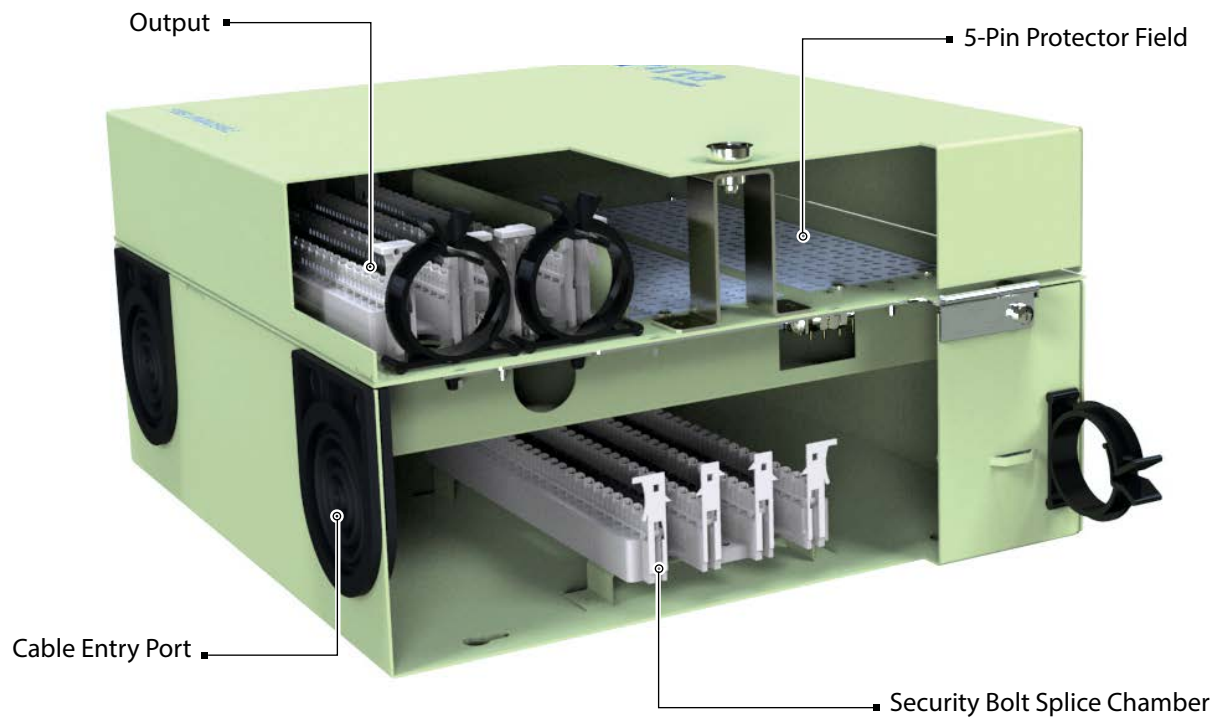
| FTTA-DDT | -X                       | -X                           |
|----------|--------------------------|------------------------------|
|          | NUMBER OF LC-LC ADAPTERS | NUMBER OF PROTECTION MODULES |
|          | 0 - 6                    | 0 - 6                        |

#### DIMENSIONS

Dimensions (height x diameter): 21.25" x 8.4" (53.9 cm x 21.3 cm)







24100-110-M110C

### FEATURES/BENEFITS:

- Upgradable to a wall mount patch and splice fiber unit.
- Fiber upgrade version available in 6, 8, 12, and 24 ports.
- Manufactured from 18 awg epoxy powder coated steel.
- Available with a variety of termination choices and in 25, 50, and 100-pair configurations.
- Splice chamber in rear of unit for easy input cable maintenance.
- Utilizes industry standard 5-pin protector modules.



### 24 SERIES TRIFOLD BET

Our 24 Series 110 in/out BET is upgradeable to a fiber optic wallmount distribution enclosure, allowing you to future proof your networks. For copper applications, this unit is designed for use at the point of demarcation to safeguard communications equipment from damaging electrical surges that may get onto incoming lines.

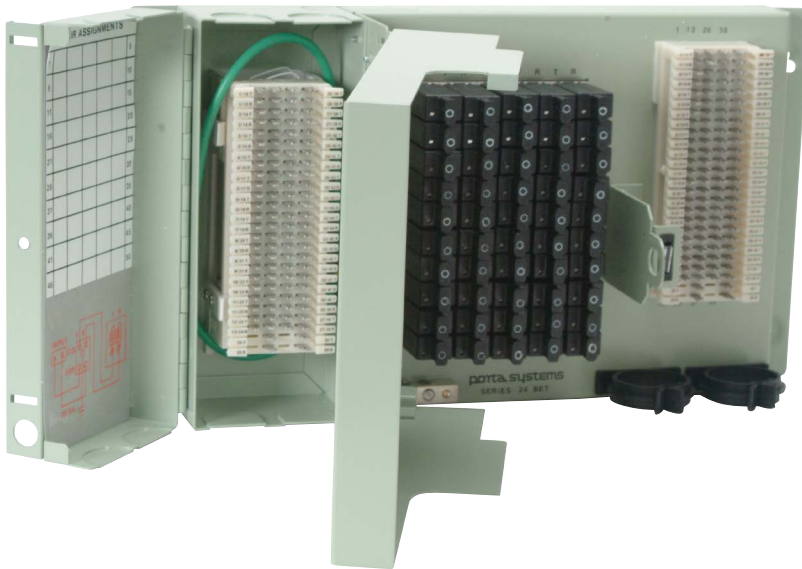
#### ORDERING INFORMATION

| MODEL NO.               | PAIR COUNT | INPUT | OUTPUT | PIN CONFIGURATION | PROTECTORS INSTALLED | COVER |
|-------------------------|------------|-------|--------|-------------------|----------------------|-------|
| <b>24025-110-M110C</b>  | 25         | 110   | 110    | Five              | No                   | Yes   |
| <b>24025-110-M110PC</b> | 25         | 110   | 110    | Five              | Yes                  | Yes   |
| <b>24025-710-M110C</b>  | 25         | 710   | 110    | Five              | No                   | Yes   |
| <b>24025-MS2-M110C</b>  | 25         | MS2   | 110    | Five              | No                   | Yes   |
| <b>24050-110-M110C</b>  | 50         | 110   | 110    | Five              | No                   | Yes   |
| <b>24050-110-M110PC</b> | 50         | 110   | 110    | Five              | Yes                  | Yes   |
| <b>24050-710-M110C</b>  | 50         | 710   | 110    | Five              | No                   | Yes   |
| <b>24050-MS2-M110C</b>  | 50         | MS2   | 110    | Five              | No                   | Yes   |
| <b>24100-110-M110C</b>  | 100        | 110   | 110    | Five              | No                   | Yes   |
| <b>24100-110-M110PC</b> | 100        | 110   | 110    | Five              | Yes                  | Yes   |
| <b>24100-710-M110C</b>  | 100        | 710   | 110    | Five              | No                   | Yes   |
| <b>24100-MS2-M110C</b>  | 100        | MS2   | 110    | Five              | No                   | Yes   |

Units with protectors installed have Model # 175-3C1EW-NL

#### ORDERING INFORMATION - FIBER UPGRADE KIT

| BEHT | -X               | PGP | XXX         | X              | XX          | X                       |
|------|------------------|-----|-------------|----------------|-------------|-------------------------|
|      | CHASSIS          |     | FIBER PORTS | FIBER TYPE     | ADAPTERS    | PIGTAILS & SPLICE TRAYS |
|      | 1 - 1 Plate Mini |     | 006         | R - Singlemode | FC - FC     | N - None                |
|      | 2 - 2 Plate      |     | 008         | K - MM62.5 OM1 | FA - FC APC | 5 - 250um MIC           |
|      | 4 - 4 Plate      |     | 012         | C - MM50 OM2   | LC - LC     | 9 - 900um MIC           |
|      |                  |     | 024         | S - MM50 OM3   | SC - SC     | R - 12 Fiber Ribbon     |
|      |                  |     |             |                | SA - SC APC |                         |
|      |                  |     |             |                | ST - ST     |                         |



### 24 SERIES BET

24 Series BETs are suitable for use by both Service Providers (Telcos) at their demarcation point and Customer Premise owners and installers for runs between buildings in an industrial, commercial, or campus environment.

### ORDERING INFORMATION

| MODEL NO.             | PAIR COUNT | INPUT | OUTPUT | PIN CONFIGURATION | PROTECTORS INSTALLED | COVER |
|-----------------------|------------|-------|--------|-------------------|----------------------|-------|
| <b>24025-66-M66</b>   | 25         | 66    | 66     | Five              | No                   | No    |
| <b>24025-66-M66C</b>  | 25         | 66    | 66     | Five              | No                   | Yes   |
| <b>24025-66-M66PC</b> | 25         | 66    | 66     | Five              | Yes                  | Yes   |
| <b>24025-66-MRJC</b>  | 25         | 66    | RJ     | Five              | No                   | Yes   |
| <b>24025-110-MRJC</b> | 25         | 110   | RJ     | Five              | No                   | Yes   |
| <b>24050-66-M66</b>   | 50         | 66    | 66     | Five              | No                   | No    |
| <b>24050-66-M66C</b>  | 50         | 66    | 66     | Five              | No                   | Yes   |
| <b>24050-66-M66PC</b> | 50         | 66    | 66     | Five              | Yes                  | Yes   |
| <b>24050-66-MRJC</b>  | 50         | 66    | RJ     | Five              | No                   | Yes   |
| <b>24050-110-MRJC</b> | 50         | 110   | RJ     | Five              | No                   | Yes   |
| <b>24100-66-M66</b>   | 100        | 66    | 66     | Five              | No                   | No    |
| <b>24100-66-M66C</b>  | 100        | 66    | 66     | Five              | No                   | Yes   |
| <b>24100-66-M66PC</b> | 100        | 66    | 66     | Five              | Yes                  | Yes   |
| <b>24100-66-MRJC</b>  | 100        | 66    | RJ     | Five              | No                   | Yes   |
| <b>24100-110-MRJC</b> | 100        | 110   | RJ     | Five              | No                   | Yes   |

### 25 SERIES BET

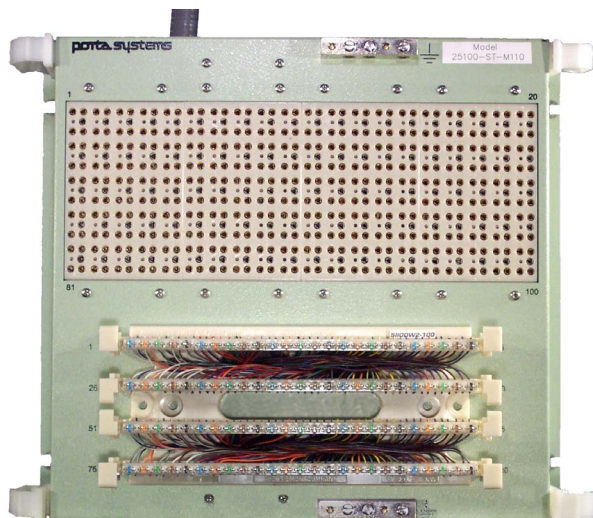
At the point of demarcation, Building Entrance Terminals (BETs), safeguard communication equipment from damaging electrical surges that may get onto incoming lines. 25 Series BETs do not have a splice chamber and provide the smallest available profile with termination blocks.



### ORDERING INFORMATION

| MODEL NO.               | PAIR COUNT | INPUT | OUTPUT | PIN CONFIGURATION | PROTECTORS INSTALLED | COVER |
|-------------------------|------------|-------|--------|-------------------|----------------------|-------|
| <b>25025-110-M110</b>   | 25         | 110   | 110    | Five              | No                   | No    |
| <b>25025-110-M110C</b>  | 25         | 110   | 110    | Five              | No                   | Yes   |
| <b>25025-110-M110PC</b> | 25         | 110   | 110    | Five              | Yes                  | Yes   |
| <b>25025-66-M66</b>     | 25         | 66    | 66     | Five              | No                   | No    |
| <b>25025-66-M66C</b>    | 25         | 66    | 66     | Five              | No                   | Yes   |
| <b>25025-66-M66PC</b>   | 25         | 66    | 66     | Five              | Yes                  | Yes   |
| <b>25050-110-M110</b>   | 50         | 110   | 110    | Five              | No                   | No    |
| <b>25050-110-M110C</b>  | 50         | 110   | 110    | Five              | No                   | Yes   |
| <b>25050-110-M110PC</b> | 50         | 110   | 110    | Five              | Yes                  | Yes   |
| <b>25050-66-M66</b>     | 50         | 66    | 66     | Five              | No                   | No    |
| <b>25050-66-M66C</b>    | 50         | 66    | 66     | Five              | No                   | Yes   |
| <b>25050-66-M66PC</b>   | 50         | 66    | 66     | Five              | Yes                  | Yes   |
| <b>25100-110-M110</b>   | 100        | 110   | 110    | Five              | No                   | No    |
| <b>25100-110-M110C</b>  | 100        | 110   | 110    | Five              | No                   | Yes   |
| <b>25100-110-M110PC</b> | 100        | 110   | 110    | Five              | Yes                  | Yes   |
| <b>25100-66-M66</b>     | 100        | 66    | 66     | Five              | No                   | No    |
| <b>25100-66-M66C</b>    | 100        | 66    | 66     | Five              | No                   | Yes   |
| <b>25100-66-M66PC</b>   | 100        | 66    | 66     | Five              | Yes                  | Yes   |





(Cover Not Shown)

### 25 SERIES BET - STUB TERMINATION (26 GAUGE)

At the point of demarcation, Building Entrance Terminals (BETs), safeguard communication equipment from damaging electrical surges that may get onto incoming lines. Series 25 BETs do not have a splice chamber and provide the smallest available profile with termination blocks.

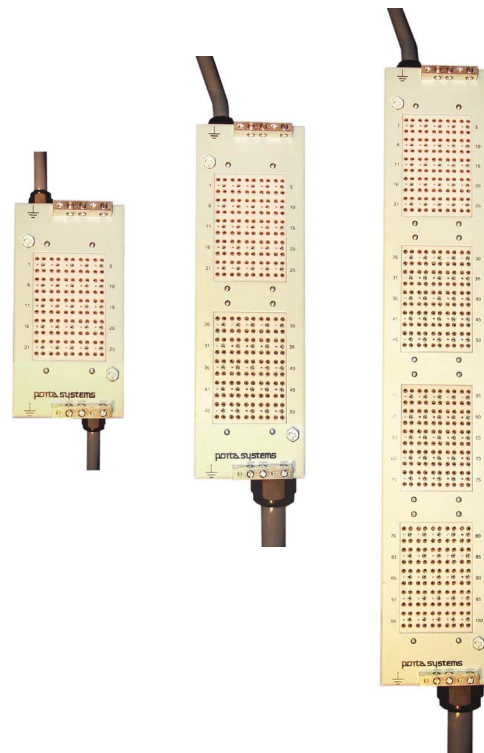
#### ORDERING INFORMATION

| MODEL NO.       | PAIR COUNT | INPUT | OUTPUT | PIN CONFIGURATION | PROTECTORS INSTALLED | COVER |
|-----------------|------------|-------|--------|-------------------|----------------------|-------|
| 25025-ST-M110   | 25         | ST    | 110    | Five              | No                   | No    |
| 25025-ST-M110C  | 25         | ST    | 110    | Five              | No                   | Yes   |
| 25025-ST-M110PC | 25         | ST    | 110    | Five              | Yes                  | Yes   |
| 25025-ST-M66    | 25         | ST    | 66     | Five              | No                   | No    |
| 25025-ST-M66C   | 25         | ST    | 66     | Five              | No                   | Yes   |
| 25025-ST-M66PC  | 25         | ST    | 66     | Five              | Yes                  | Yes   |
| 25050-ST-M110   | 50         | ST    | 110    | Five              | No                   | No    |
| 25050-ST-M110C  | 50         | ST    | 110    | Five              | No                   | Yes   |
| 25050-ST-M110PC | 50         | ST    | 110    | Five              | Yes                  | Yes   |
| 25050-ST-M66    | 50         | ST    | 66     | Five              | No                   | No    |
| 25050-ST-M66C   | 50         | ST    | 66     | Five              | No                   | Yes   |
| 25050-ST-M66PC  | 50         | ST    | 66     | Five              | Yes                  | Yes   |
| 25100-ST-M110   | 100        | ST    | 110    | Five              | No                   | No    |
| 25100-ST-M110C  | 100        | ST    | 110    | Five              | No                   | Yes   |
| 25100-ST-M110PC | 100        | ST    | 110    | Five              | Yes                  | Yes   |
| 25100-ST-M66    | 100        | ST    | 66     | Five              | No                   | No    |
| 25100-ST-M66C   | 100        | ST    | 66     | Five              | No                   | Yes   |
| 25100-ST-M66PC  | 100        | ST    | 66     | Five              | Yes                  | Yes   |

Standard stub length is 25ft. Please call Customer Service for custom stub lengths.

### 26 SERIES BETS – STUB INPUT (26 GAUGE) AND OUTPUT (24 GAUGE)

At the point of demarcation, Building Entrance Terminals (BETs), safeguard communication equipment from damaging electrical surges that may get onto those incoming lines. The 26 Series BETs are stub in and stub out and provide the smallest possible profile for protection and drastically cuts punch-down labor.



### ORDERING INFORMATION

| MODEL NO.           | PAIR COUNT | INPUT | OUTPUT | PIN CONFIGURATION | PROTECTORS INSTALLED | COVER |
|---------------------|------------|-------|--------|-------------------|----------------------|-------|
| <b>26025-ST-MST</b> | 25         | ST    | ST     | Five              | No                   | No    |
| <b>26050-ST-MST</b> | 50         | ST    | ST     | Five              | No                   | No    |
| <b>26100-ST-MST</b> | 100        | ST    | ST     | Five              | No                   | No    |

*Standard 25' in and out. Call Customer Service for custom cable lengths. Available with factory installed modules.*

### DIMENSIONS

|                 |   |
|-----------------|---|
| <b>25 PAIR</b>  | Dimensions (height x width x depth): 8" x 4" x 3.72" (20.3 cm x 10.16 cm x 9.5 cm)  |
| <b>50 PAIR</b>  | Dimensions (height x width x depth): 13" x 4" x 3.72" (33.1 cm x 10.16 cm x 9.5 cm) |
| <b>100 PAIR</b> | Dimensions (height x width x depth): 23" x 4" x 3.72" (61 cm x 10.16 cm x 9.5 cm)   |



**28 SERIES XLBET – EXTRA LARGE BET**

The 28 Series Extra Large BET (XLBET) is a high-density rack mounted protected solution. The XLBET mounts on a standard 23” rack providing protection for 1800 pairs with cross connect fields or 2400 pairs without cross connect fields.

**ORDERING INFORMATION**

| MODEL NO.        | PAIR COUNT  | INPUT                          | OUTPUT                        |
|------------------|---|--------------------------------|-------------------------------|
| 28300-ST-M110    | 300   | 3x100 pair 26awg 25ft. Cables  | Hard Wired 110 Block Output   |
| 28300-ST50-M110  | 300   | 3x100 pair 26awg 50ft. Cables  | Hard Wired 110 Block Output   |
| 28300-ST100-M110 | 300   | 3x100 pair 26awg 100ft. Cables | Hard Wired 110 Block Output   |
| 28300-ST-MST     | 300   | 3x100 pair 26awg 25ft. Cables  | 3x100 pair 24awg 25ft. Cables |
| RJEQ600-110      | RJ21 Connector Panel  | 24 RJ21 Connectors             | 2x300 pair 110 Blocks         |
| RJEQ300-110      | RJ21 Connector Panel  | 12 RJ21 Connectors             | 1x300 pair 110 Blocks         |
| WMBL110          | Mounting bracket for 1 or 2 300 pair 110 Block with Large Wire Management |                                |                               |

**DIMENSIONS**

Dimensions (height x width x depth): 7” x 23” x 6” (17.8 cm x 58.4 cm x 15.2 cm)



### INDOOR FIXED BETS

The Indoor Fixed Housing Building Entrance Terminal offers Tool-Less IDC output termination with a wide variety of input splicing options. The protector field of this BET accommodates industry standard 5-pin protectors. Available in 25, 50 and 100 fixed pair units and factory installed & tested solid state and gas tube protectors.

#### ORDERING INFORMATION

| IF              | XXX            | X                                   | F       | XXX  | X  | XXX               |
|-----------------|----------------|-------------------------------------|---------|--|--|-------------------|
| INDOOR<br>FIXED | PAIR COUNT     | OUTPUT                              | HOUSING | PROTECTION                                     | INPUT  | OPTIONS           |
|                 | 025 = 25 Pair  | N = No Output                       |         | 3B1ES = 300V Solid State Black, no Test Points | C = 66 Quick-Clip                            | ST1 = Steel Beige |
|                 | 050 = 50 Pair  | P = Tool-less IDC                   |         | 3B1FS = 240V Solid State Black, no Test Points | G = Stub 25'                                 | ST2 = Steel Green |
|                 | 100 = 100 Pair | Q = Tool-less IDC<br>w/ Half-Ringer |         | 3B3ES = 300V Solid State Red, no Test Points   | K = 4005 DBM (MS2 Dry)                       |                   |
|                 |                | C = 66 Quick-Clip                   |         | 3B3FS = 240V Solid State Red, no Test Points   | T = 710ST1 (710 Dry)                         |                   |
|                 |                | G = 66 QC &<br>RJ-21 Female         |         | 3C1ES = 300V Solid State Black, Test Points    | N = No Connector/ No Stub;<br>Raw Cable, 24" |                   |
|                 |                | S = RJ-21                           |         | 3C1FS = 240V Solid State Black, Test Points    |  |                   |
|                 |                |                                     |         | 3C3ES = 300V Solid State Red, Test Points      |  |                   |
|                 |                |                                     |         | 3C3FS = 240V Solid State Red, Test Points      |  |                   |
|                 |                |                                     |         | 6B1E = 350V Gas Tube, Black, PTC, no TP        |  |                   |
|                 |                |                                     |         | 6C1E = 350V Gas Tube, Black, PTC, TP           |  |                   |
|                 |                |                                     |         | 3B1E = 350V Gas Tube, Black, no TP             |  |                   |
|                 |                |                                     |         | 3C1E = 350V Gas Tube, Black, TP                |  |                   |





OUTDOOR FIXED BET

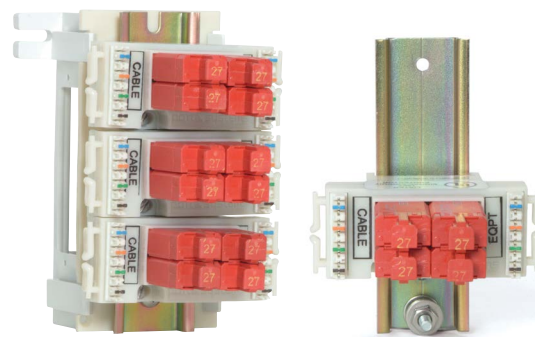
The Outdoor Fixed Housing Building Entrance Terminal provides a outdoor option for Demarcation utilizing Tool-Less IDC termination and a variety of input options. The protector field of this BET accomodates industry standard 5-pin protectors. Available in 25, 50 and 100 fixed pair units and factory installed & tested solid state and gas tube protectors.

ORDERING INFORMATION

| OF               | XXX  | X   | F       | XXX  | X  | XXX                                    |
|------------------|--|---|---------|--|--|--|
| OUTDOOR<br>FIXED | PAIR COUNT                                       | OUTPUT  | HOUSING | PROTECTION   | INPUT  | OPTIONS                                |
|                  | 025 = 25 Pair<br>050 = 50 Pair<br>100 = 100 Pair | N = No Output<br>M = Tool-less IDC &<br>NID (Auto Jack®)<br>P = Tool-less IDC<br>Q = Tool-less IDC<br>w/ Half-Ringer<br>R = Tool-less IDC<br>w/ RJ-21 |         | 3B1ES = 300V Solid State Black, no Test Points<br>3B1FS = 240V Solid State Black, no Test Points<br>3B3ES = 300V Solid State Red, no Test Points<br>3B3FS = 240V Solid State Red, no Test Points<br>3C1ES = 300V Solid State Black, Test Points<br>3C1FS = 240V Solid State Black, Test Points<br>3C3ES = 300V Solid State Red, Test Points<br>3C3FS = 240V Solid State Red, Test Points<br>6B1E = 350V Gas Tube, Black, PTC, no TP<br>6C1E = 350V Gas Tube, Black, PTC, TP<br>3C1E = 350V Gas Tube, Black, TP<br>3B1E = 350V Gas Tube, Black, no TP | G = Stub 25'<br>K = 4005 DBM (MS2 Dry)<br>T = 710ST1 (710 Dry)<br>N = No Connector/ No Stub;<br>Raw Cable, 24" | ST1 = Steel Beige<br>ST2 = Steel Green |

### 505 SERIES – CATEGORY 5E PROTECTOR PACKS

Ultra-low capacitance Solid State Technology provides protection for frequencies up to 100 MHz for CAT5e performance. UL 497, 497A and UL 497B listed for Primary, Secondary, and Isolated Loop Circuit Protection. 110 termination, DIN rail mounting bracket included with 4 pair Modular design.



#### ORDERING INFORMATION

| MODEL NO. | PAIR COUNT | MOUNTING    | TERMINATION | MODULES | MODULE MODEL NO. | COVER |
|-----------|------------|-------------|-------------|---------|------------------|-------|
| 505E4-18  | 4          | DIN Rail    | 110         | 18V     | LVP18            | Yes   |
| 505E4-27  | 4          | DIN Rail    | 110         | 27V     | LVP27            | Yes   |
| 505E4-65  | 4          | DIN Rail    | 110         | 65V     | LVP65            | Yes   |
| 505E8-18  | 8          | DIN Rail    | 110         | 18V     | LVP18            | Yes   |
| 505E8-27  | 8          | DIN Rail    | 110         | 27V     | LVP27            | Yes   |
| 505E8-65  | 8          | DIN Rail    | 110         | 65V     | LVP65            | Yes   |
| 505E12-18 | 12         | 89E Bracket | 110         | 18V     | LVP18            | Yes   |
| 505E12-27 | 12         | 89E Bracket | 110         | 27V     | LVP27            | Yes   |
| 505E12-65 | 12         | 89E Bracket | 110         | 65V     | LVP65            | Yes   |
| 505E24-18 | 24         | 89D Bracket | 110         | 18V     | LVP18            | Yes   |
| 505E24-27 | 24         | 89D Bracket | 110         | 27V     | LVP27            | Yes   |
| 505E24-65 | 24         | 89D Bracket | 110         | 65V     | LVP65            | Yes   |
| 505E32-18 | 32         | 89D Bracket | 110         | 18V     | LVP18            | Yes   |
| 505E32-27 | 32         | 89D Bracket | 110         | 27V     | LVP27            | Yes   |
| 505E32-65 | 32         | 89D Bracket | 110         | 65V     | LVP65            | Yes   |

### 606 SERIES – CATEGORY 6 PROTECTOR PACKS

Ultra-low capacitance solid state technology provides protection for frequencies up to 250 MHz for CAT6 performance. UL 497, 497A and UL 497B listed for Primary, Secondary Protection. Covered 4 pair 110 termination unit ideal for Power Over Ethernet (PoE) circuit protection using 65 volt module.

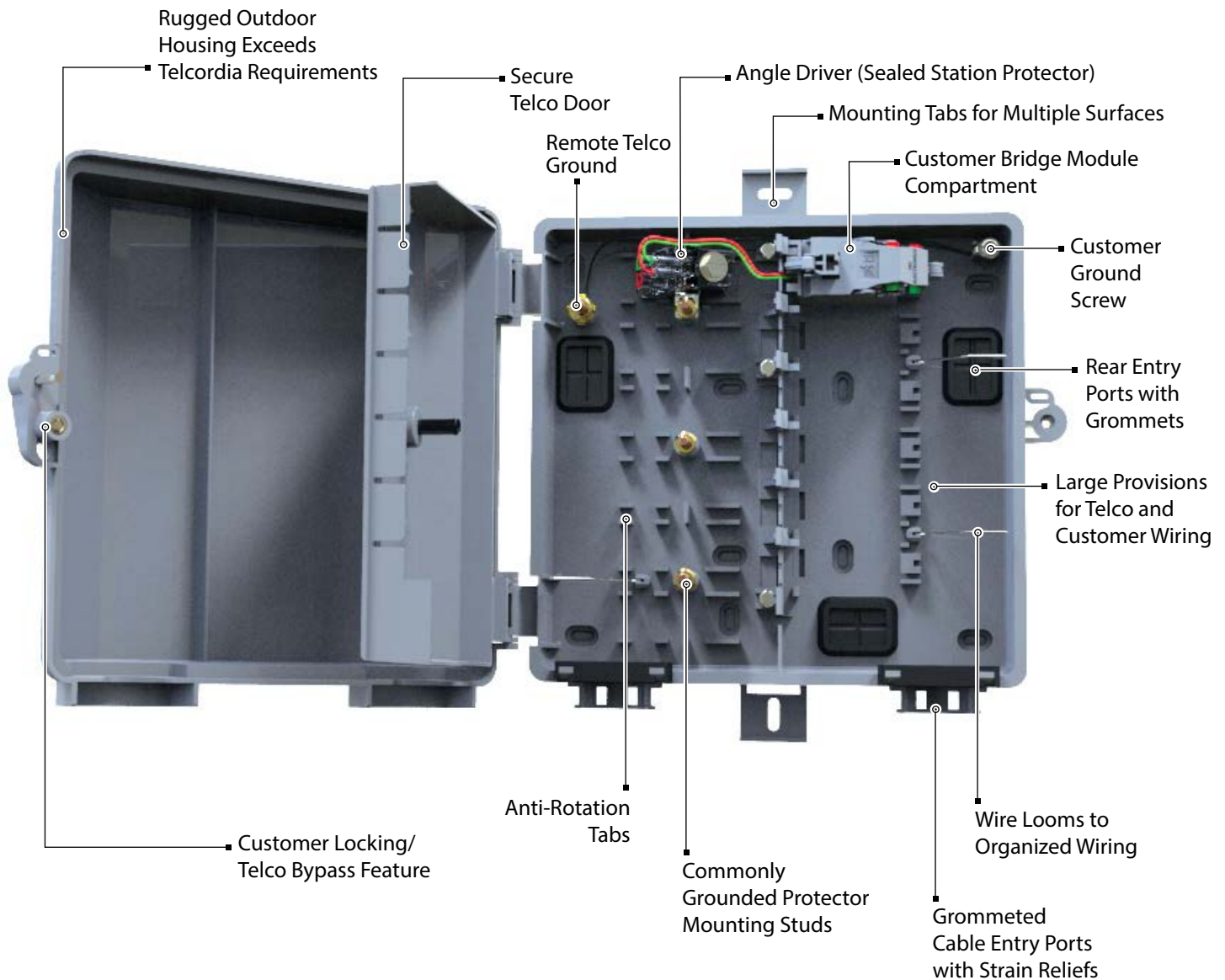


#### ORDERING INFORMATION

| MODEL NO. | PAIR COUNT | TERMINATION | MODULES | MODULE MODEL NO. | COVER |
|-----------|------------|-------------|---------|------------------|-------|
| 606-18    | 4          | 110         | 18V     | LVP18            | Yes   |
| 606-27    | 4          | 110         | 27V     | LVP27            | Yes   |
| 606-65    | 4          | 110         | 65V     | LVP65            | Yes   |

#### DIMENSIONS

Dimensions (height x width x depth): 4.8" x 3.4" x 2.8" (12.2cm x 8.6 cm x 7.1 cm)



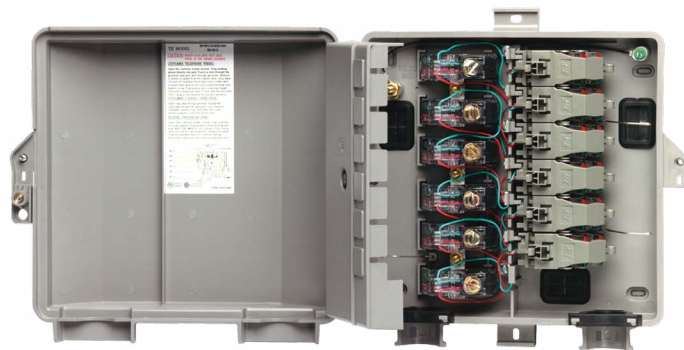
3611H-78-1100

## FEATURES/BENEFITS:

- Unsurpassed RJ-11 Performance
- Hybrid Coax/Twisted Pair Capability
- Designed for Easy Installation And Maintenance
- Easy to Expand or Upgrade
- Exceeds Telcordia GR-49-CORE
- Listed to UL 497

## 3600 SERIES – SIX-LINE BROADBAND OUTDOOR NETWORK INTERFACE DEVICES

The 3600 Broadband Outdoor Network Interface Device (NID) is a versatile, heavy duty six-pair housing. It accommodates a variety of coaxial and twisted pair drop combinations, while providing superior protection and performance in the harshest outdoor environments.



### ORDERING INFORMATION

| 361 | X                         | X               | -XX                | -X                     | X                    | XX                                       | X                        |
|-----|---------------------------|-----------------|--------------------|------------------------|----------------------|--|--------------------------|
|     | NO. OF STATION PROTECTORS | SECURITY SCREW  | STATION PROTECTORS | CUSTOMER BRIDGE MODULE |                      |  | COAX SERVICE MODULE TYPE |
|     |                           |                 |                    | NO. OF CBMS            | WIRING TYPE          | ELECTRONICS                              |                          |
|     | 0 = None                  | H = Hex Head    | 00 = None          | 0 = None               | 0 = None             | 00 = None                                | 0 = None                 |
|     | 1 = One                   | P = Pin-In-Head | 01 = 356L          | 1 = One                | S = Insulated Screws | 01 = 1/2 Ringer                          | 1 = Straight Thru        |
|     | 2 = Two                   |                 | 07 = 355M          | 2 = Two                | I = IDC Terminations | 10 = DSL Compliant 1/2 Ringer            | 2 = Protected            |
|     | 3 = Three                 |                 | 15 = 126M          | 3 = Three              |                      | 12 = VDSL2 POTS Splitter                 |                          |
|     | 4 = Four                  |                 | 17 = 126L1         | 4 = Four               |                      | 18 = Combination 1/2 Ringer & RFI Filter |                          |
|     | 5 = Five                  |                 | 22 = 122           | 5 = Five               |                      |  |                          |
|     | 6 = Six                   |                 | 54 = 356M3         | 6 = Six                |                      |  |                          |
|     |                           |                 | 78 = AD-01W-LP     |                        |                      |  |                          |
|     |                           |                 | 87 = ADX-L/R or W  |                        |                      |  |                          |

**NOTE:** The 3600 NID has been designed to accommodate a maximum combined quantity of six Customer Bridge and Coax Service Modules using RG-6 cable.

### DIMENSIONS

Dimensions (height x width x depth): 9.12" x 8.83" x 3.08" (23.2 cm x 22.4 cm x 7.8 cm)





## 3700 SERIES – THREE-LINE BROADBAND OUTDOOR NETWORK INTERFACE DEVICE

The 3700 Broadband Outdoor Network Interface Device (NID) is a versatile, heavy duty three-pair housing. It accommodates a variety of coaxial and twisted pair drop combinations, while providing superior performance and protection in the harshest outdoor environments.

### ORDERING INFORMATION

| 371 | X                         | X               | -XX                | -X                     | X                    | XX                                       | X                        |
|-----|---------------------------|-----------------|--------------------|------------------------|----------------------|--|--------------------------|
|     | NO. OF STATION PROTECTORS | SECURITY SCREW  | STATION PROTECTORS | CUSTOMER BRIDGE MODULE |                      |  | COAX SERVICE MODULE TYPE |
|     |                           |                 |                    | NO. OF CBMS            | WIRING TYPE          | ELECTRONICS                              |                          |
|     | 0 = None                  | H = Hex Head    | 00 = None          | 0 = None               | 0 = None             | 00 = None                                | 0 = None                 |
|     | 1 = One                   | P = Pin-In-Head | 01 = 356L          | 1 = One                | S = Insulated Screws | 01 = 1/2 Ringer                          | 1 = Straight Thru        |
|     | 2 = Two                   |                 | 07 = 355M          | 2 = Two                | I = IDC Terminations | 10 = DSL Compliant 1/2 Ringer            | 2 = Protected            |
|     | 3 = Three                 |                 | 15 = 126M          | 3 = Three              |                      | 12 = VDSL2 POTS Splitter                 |                          |
|     |                           |                 | 22 = 122           |                        |                      | 18 = Combination 1/2 Ringer & RFI Filter |                          |
|     |                           |                 | 52 = 372-S2        |                        |                      |  |                          |
|     |                           |                 | 54 = 356M3         |                        |                      |  |                          |
|     |                           |                 | 78 = AD-01W-LP     |                        |                      |  |                          |
|     |                           |                 | 87 = ADX-L/R or W  |                        |                      |  |                          |

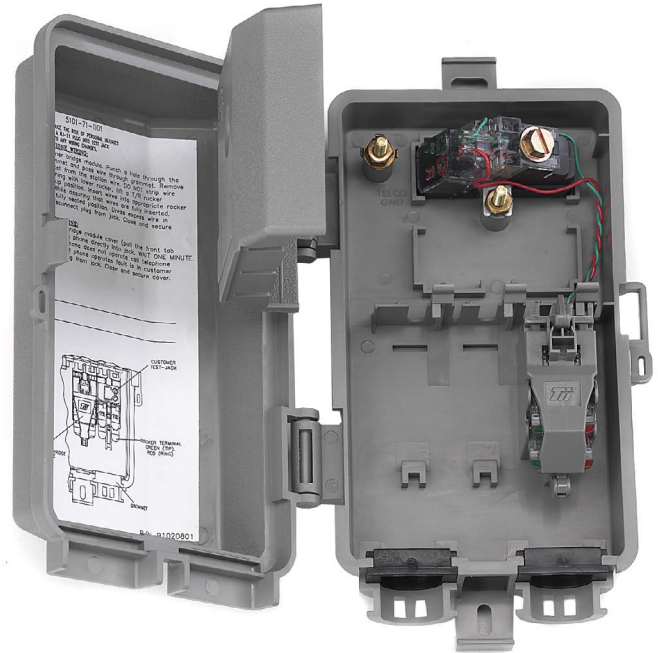
**NOTE:** The 3700 NID has been designed to accommodate a maximum combined quantity of three Customer Bridge and Coax Service Modules using RG-6 cable.

### DIMENSIONS

Dimensions (height x width x depth): 8.83" x 5.94" x 3.08" (22.4cm x 15.1 cm x 7.8 cm)

## 5100 SERIES – TWO LINE ENHANCED INDOOR/OUTDOOR NETWORK INTERFACE DEVICE

The 5100 Two Line Enhanced Indoor/Outdoor Network Interface Device (NID) is a versatile, two pair housing that accommodates a variety of station protection modules, Customer Bridge Modules (CBM) and xDSL splitters. This compact NID provides an additional line module location which increases the versatility of the NID.

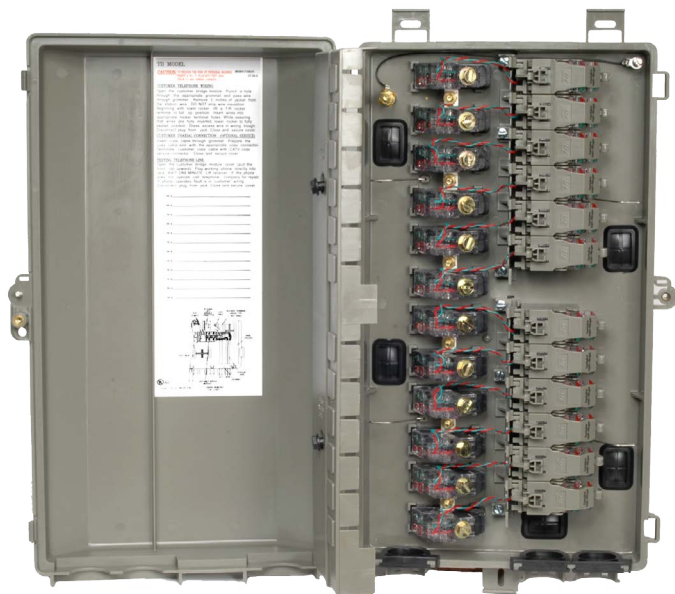


### ORDERING INFORMATION

| 510                       | X | -XX               | -X                     | X                    | XX                                       |
|---------------------------|---|-------------------|------------------------|----------------------|--|
| NO. OF STATION PROTECTORS |   | STATION PROTECTOR | CUSTOMER BRIDGE MODULE |                      |  |
|                           |   |                   | NO. OF CBMS            | WIRING TYPE          | ELECTRONICS                              |
| 0 = None                  |   | 00 = None         | 0 = None               | 0 = None             | 00 = None                                |
| 1 = One                   |   | 01 = 356L         | 1 = One                | S = Insulated Screws | 01 = 1/2 Ringer                          |
| 2 = Two                   |   | 07 = 355M         | 2 = Two                | I = IDC Terminations | 10 = DSL Compliant 1/2 Ringer            |
|                           |   | 15 = 126M         |                        |                      | 12 = VDSL2 POTS Splitter                 |
|                           |   | 17 = 126L1        |                        |                      | 18 = Combination 1/2 Ringer & RFI Filter |
|                           |   | 22 = 122          |                        |                      |  |
|                           |   | 52 = 372-S2       |                        |                      |  |
|                           |   | 54 = 356M3        |                        |                      |  |
|                           |   | 78 = AD-01W-LP    |                        |                      |  |
|                           |   | 87 = ADX-L/R or W |                        |                      |  |

### DIMENSIONS

Dimensions (height x width x depth): 7.82" x 4.5" x 2.5" (19.9cm x 11.4 cm x 6.4 cm)



## 9600 SERIES – TWELVE-LINE BROADBAND OUTDOOR NETWORK INTERFACE DEVICES

The 9600 Broadband Outdoor Network Interface Device (NID) is a versatile, twelve-pair housing. It accommodates a variety of primary protection and twisted pair drop combinations, while providing superior protection and performance in the harshest outdoor environments.

### ORDERING INFORMATION

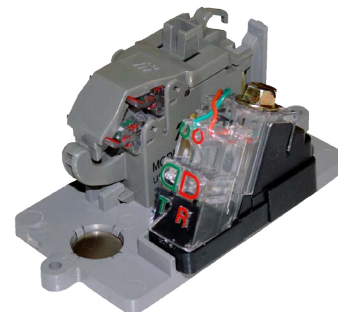
| 96                        | X               | X                  | -XX         | -X                   | X  | XX        | X                        |
|---------------------------|-----------------|--------------------|-------------|----------------------|--|-----------|--------------------------|
| CUSTOMER BRIDGE MODULE    |                 |                    |             |                      |  |           |                          |
| NO. OF STATION PROTECTORS | SECURITY SCREW  | STATION PROTECTORS | NO. OF CBMS | WIRING TYPE          | ELECTRONICS                              | CSM QTY   | COAX SERVICE MODULE TYPE |
| 00 = None                 | H = Hex Head    | 00 = None          | 0 = None    | 0 = None             | 00 = None                                | 00 = None | 0 = None                 |
| 06 = Six                  | P = Pin-In-Head | 01 = 356L          | 6 = Six     | S = Insulated Screws | 01 = 1/2 Ringer                          | 06 = Six  | 1 = Straight Thru        |
| 12 = Twelve               |                 | 07 = 355M          | 12 = Twelve | I = IDC Terminations | 10 = DSL Compliant 1/2 Ringer            |           | 2 = Protected            |
|                           |                 | 15 = 126M          |             |                      | 12 = VDSL2 POTS Splitter                 |           |                          |
|                           |                 | 17 = 126L1         |             |                      | 18 = Combination 1/2 Ringer & RFI Filter |           |                          |
|                           |                 | 22 = 122           |             |                      |  |           |                          |
|                           |                 | 52 = 372-S2        |             |                      |  |           |                          |
|                           |                 | 54 = 356M3         |             |                      |  |           |                          |
|                           |                 | 78 = AD-01W-LP     |             |                      |  |           |                          |
|                           |                 | 87 = ADX-L/R or W  |             |                      |  |           |                          |

### DIMENSIONS

Dimensions (height x width x depth): 15.9" x 9" x 2.52" (40.4 cm x 22.9 cm x 6.4 cm)

## 3800 SERIES – COCOT MOUNTING BASE

The 3800 COCOT (Customer Owned Coin Operated Telephone) Mounting Base provides single pair Network Interface Device (NID) capability on a rugged plastic base. The 3800 is ideally suited for COCOT and WiFi “Hot Spot” applications and can be magnetically or screw mounted.



### ORDERING INFORMATION

| 3800 -XX           |                   | -X                     | -X                   | -XX                                      |
|--------------------|-------------------|------------------------|----------------------|--|
|                    |                   | CUSTOMER BRIDGE MODULE |                      |  |
| STATION PROTECTORS |                   | NO. OF CBMS            | WIRING TYPE          | ELECTRONICS                              |
| 00 = None          | 01 = 356L         | 0 = None               | 0 = None             | 00 = None                                |
| 15 = 126M          | 07 = 355M         | 1 = One                | S = Insulated Screws | 01 = 1/2 Ringer                          |
| 22 = 122           | 17 = 126L1        |                        | I = IDC Terminations | 10 = DSL Compliant 1/2 Ringer            |
| 78 = AD-01W-LP     | 52 = 372-S2       |                        |                      | 12 = VDSL2 POTS Splitter                 |
|                    | 54 = 356M3        |                        |                      | 18 = Combination 1/2 Ringer & RFI Filter |
|                    | 87 = ADX-L/R or W |                        |                      |  |

### DIMENSIONS

Dimensions (height x width x depth): 4.25" x 2.2" x 1.93" (10.8 cm x 5.6 cm x 4.9 cm)

## 8925 SERIES – 25 PAIR INDOOR NETWORK INTERFACE DEVICE

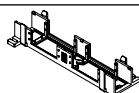
The 8925 Series Network Interface Devices (NIDs) are compact devices that are specifically designed to be used in place of the “66” type block. The 8925 NIDs utilize the same footprint as the standard 66 block. They provide 25 RJ-11 snap-in type Auto-Jacks® for multi-line demarcation testing in one compact unit. The 8925 Series is available with Insulation Displacement Contacts (IDCs).



### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION  |
|------------------|--|
| <b>8925A</b>     | 25 Pair Network Interface Device Equipped with IDC Terminations  |
| <b>8925A-01</b>  | 25 Pair Network Interface Device Equipped with IDC Terminations and 25 ½ Ringers                       |
| <b>8925A-B</b>   | 25 Pair Network Interface Device Equipped with IDC Terminations with Mounting Bracket                  |
| <b>8925A-01B</b> | 25 Pair Network Interface Device Equipped with IDC Terminations and 25 ½ Ringers with Mounting Bracket |

Optional Mounting Bracket for 8925

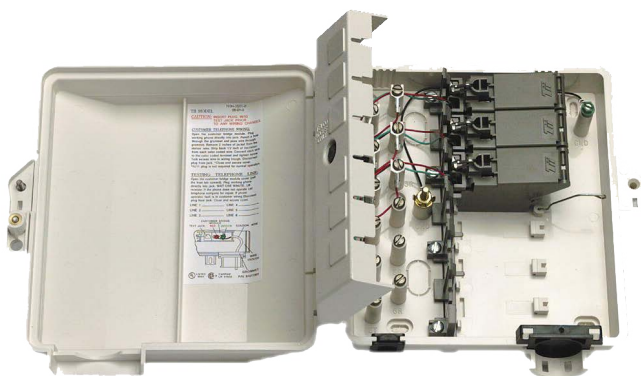


8B (Industry Standard - 89D Bracket)

### DIMENSIONS

Dimensions (height x width x depth): 9.98" x 3.39" x 2.86" (25.3cm x 8.6 cm x 7.3 cm)





## 763 SERIES – SIX-LINE INDOOR NETWORK INTERFACE DEVICES

The 763 Series is a highly durable Six-Line Indoor Network Interface unit that features optional built-in electronics to meet a wide range of applications.

### ORDERING INFORMATION

| 763X                   | -X          | -X                   | -XX                                      | -X            |
|------------------------|-------------|----------------------|--|---------------|
| CUSTOMER BRIDGE MODULE |             |                      |  |               |
| SECURITY SCREW         | NO. OF CBMS | WIRING TYPE          | ELECTRONICS                              | STUB          |
| H = Hex Head           | 0 = None    | 0 = None             | 00 = None                                | 0 = None      |
| P = Pin-In-Head        | 1 = One     | S = Insulated Screws | 01 = 1/2 Ringer                          | 1 = With Stub |
|                        | 2 = Two     | I = IDC Terminations | 10 = DSL Compliant 1/2 Ringer            |               |
|                        | 3 = Three   |                      | 12 = VDSL2 POTS Splitter                 |               |
|                        | 4 = Four    |                      | 18 = Combination 1/2 Ringer & RFI Filter |               |
|                        | 5 = Five    |                      |  |               |
|                        | 6 = Six     |                      |  |               |

### DIMENSIONS

Dimensions (height x width x depth): 8.80" x 7.93" x 2.88" (22.4 cm x 20.1 cm x 7.3 cm)



## 751 SERIES – INDOOR GEL-SEALED NETWORK MASTER JACK

The 751 Indoor Gel-Sealed Master Jack is ideally suited for indoor demarcation applications and may be mounted to any suitable flat surface.

### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                                   |
|-----------|---|
| 751-1T-00 | Indoor Gel-Sealed Master Jack                 |
| 751-1T-01 | Indoor Gel-Sealed Master Jack with 1/2 Ringer |

### DIMENSIONS

Dimensions (height x width x depth): 2.75" x 2.75" x 1.1" (7.0 cm x 7.0 cm x 2.8 cm)

## 758Z – NETWORK INTERFACE ADAPTERS

The 758Z Network Interface Adapters are a compact, single pair Retrofit designed to improve network capabilities by converting an existing station protector into a fully functional network interface device. It is designed to replace the existing covers of Tii's 325, 326, 321 or 320 single-pair station protectors.



### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 758ZG     | Network Interface Adapter with Pin-in-Head Cover Screw and Large Grommet |
| 758ZS     | Network Interface Adapter with Hex Head Cover Screw                      |
| 758ZGS    | Network Interface Adapter with Hex Head Cover Screw and Large Grommet    |
| 758ZS-01  | Network Interface Adapter with Hex Head Cover Screw and Half-Ringer      |
| 758-91    | Replacement Kit for Customer Wiring Bridge (758 NIZ Series)              |

### DIMENSIONS

Dimensions (height x width x depth): 3.59" x 2.93" x 2.48" (9.2 cm x 7.5 cm x 6.3 cm)

## RTK - RISER TUBE KIT

The Riser Tube Kit (RTK) is manufactured from UV stabilized, thinwall PVC to meet the need for large capacity buried copper, coaxial, fiber, and hybrid service drops. The tube is lightweight, easy-to-handle, and can be easily cut on-site with a hacksaw or knife. The RTK is ideal for providing neat, inexpensive protection from weather degradation, snagging, and vandalism for all buried service wire installations. The RTK is also available in a "slotted" version, the RTK-S, for simple and quick installations as well as non-service affected retrofits.

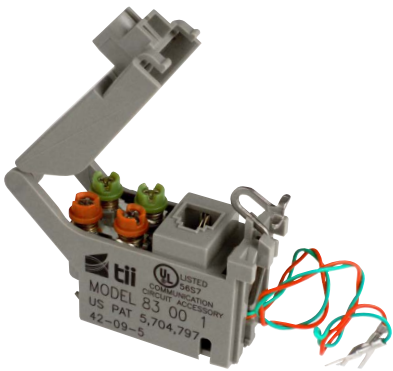
### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                           |
|-----------|---------------------------------------|
| RTK       | Riser Tube Kit                        |
| RTK-S     | Riser Tube Kit with 1/4" Slotted Tube |
| RTK-CL    | Clamp Kit; 2 Clamps and Screws        |

### DIMENSIONS

Dimensions (height x width): 60" x 0.83" (152.0 cm x 2.1 cm)





**83 – FOUR SCREW CUSTOMER BRIDGE MODULE WITH AUTO-JACK® RJ-11 JACK**

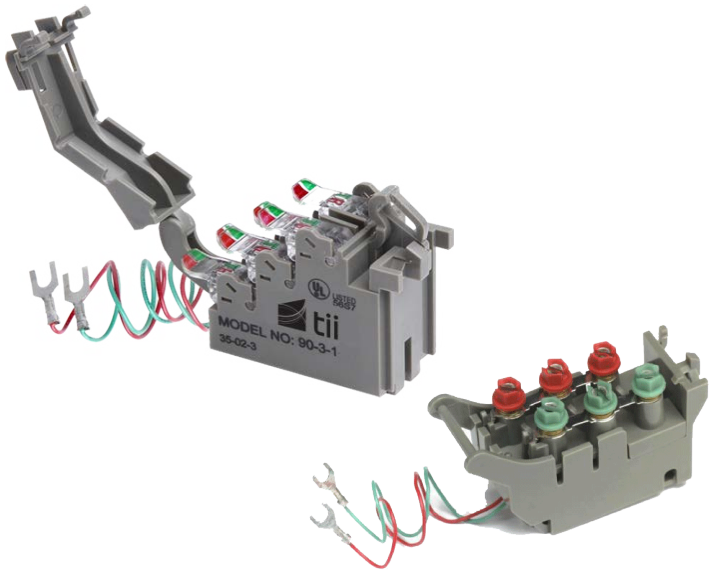
The 83 Series Customer Bridge Modules are durable, environmentally protected units designed to be used in the full line of our Network Interface Devices (NIDs).

**ORDERING INFORMATION**

| 83 | -XX                                      | -X                         |
|----|--|----------------------------|
|    | ELECTRONICS                              | INPUT TERMINATIONS         |
|    | 00 = None                                | 0 = None                   |
|    | 01 = 1/2 Ringer                          | 1 = With #10 Terminal Lugs |
|    | 18 = Combination 1/2 Ringer & RFI Filter |                            |

**DIMENSIONS**

Dimensions (height x width x depth): 2.86" x 1.97" x 1" (7.3cm x 5.0 cm x 2.5 cm)



**90 SERIES – BRIDGING MODULES**

The 90 Series Bridging Modules provide terminals for connecting additional "home runs" back to the Network Interface Device (NID). The modules are offered with either screw terminations (twelve home runs) or sealed IDC terminations (six home runs).

**ORDERING INFORMATION**

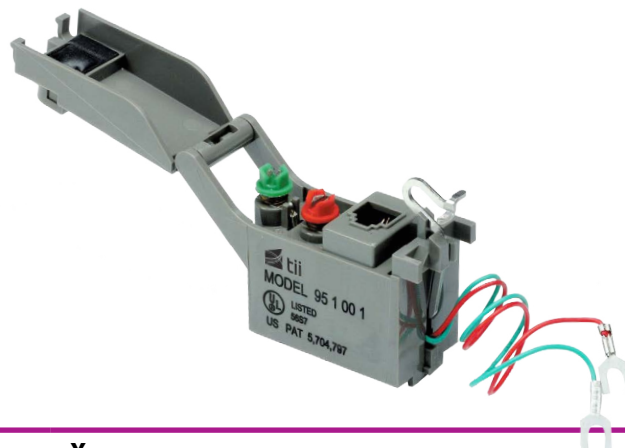
| 90 | -X                       | -X                         | -X                                      |
|----|--------------------------|----------------------------|---|
|    | WIRING TYPE              | INPUT TERMINATIONS         | ADAPTER                                 |
|    | 1 = Screw Terminals      | 0 = No Connectors          | 0 = None (fits 3600/3700/763 footprint) |
|    | 3 = Sealed IDC Terminals | 1 = With #10 Terminal Lugs | 1 = w/Adapter (fits CAC 7600 footprint) |

**DIMENSIONS**

Dimensions (height x width x depth): 2.97" x 1.9" x 1.03" (7.5 cm x 4.8 cm x 2.6 cm)

## 95 SERIES – CUSTOMER BRIDGE MODULES (CBMS)

The 95 Customer Bridge Modules (CBMs) are durable, environmentally protected units designed to be used in the full line of our Network Interface Devices (NIDs).



### ORDERING INFORMATION

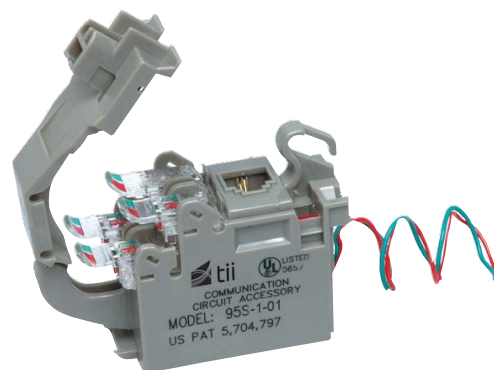
| 95-1 | -XX   | -X                                    |
|------|---|---------------------------------------|
|      | ELECTRONICS                                   | TELCO TERMINATION                     |
|      | 00 = None                                     | 0 = Wire Leads Without Terminal Lugs  |
|      | 01 = 1/2 Ringer                               | 1 = Wire Leads With #10 Terminal Lugs |
|      | 08 = RFI Filter                               |                                       |
|      | 01/08 = Combination 1/2 Ringer and RFI Filter |                                       |

### DIMENSIONS

Dimensions (height x width x depth): 2.86" x 1.97" x 1" (7.3cm x 5.0 cm x 2.5 cm)

## 95S SERIES – SEALED CUSTOMER BRIDGE MODULES (CBM)

The superior performing 95S Customer Bridge Module is a sealed, environmentally protected unit designed to be compatible with our full line of broadband Network Interface Devices (NIDs), including the 3700, 3600, 5100 and the 9600.



### ORDERING INFORMATION

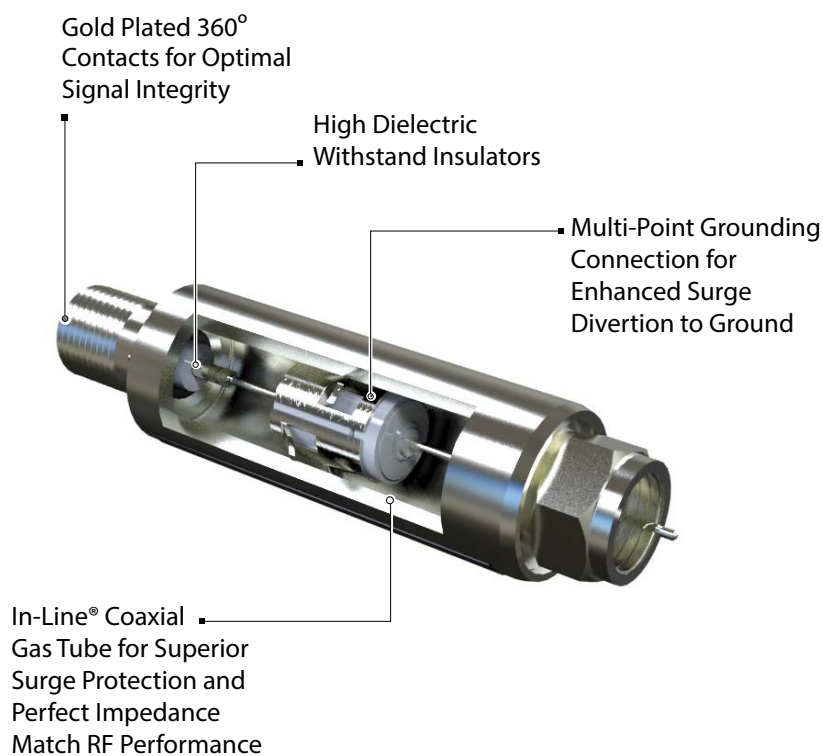
| 95S-1 | -XX   | -X                                    |
|-------|---|---------------------------------------|
|       | ELECTRONICS                                   | TELCO TERMINATION                     |
|       | 00 = None                                     | 0 = Wire Leads Without Terminal Lugs  |
|       | 01 = 1/2 Ringer                               | 1 = Wire Leads With #10 Terminal Lugs |
|       | 08 = RFI Filter                               |                                       |
|       | 01/08 = Combination 1/2 Ringer and RFI Filter |                                       |

### DIMENSIONS

Dimensions (height x width x depth): 2.73" x 1.95" x 1" (6.9 cm x 5.0 cm x 2.5 cm)

### FEATURES/BENEFITS:

- Environmentally Sealed to 15 PSI
- Meets SCTE "F" Port Connector Requirements
- Meets UL Primary Surge Protection Requirements
- Unique Patented In-Line® Coaxial Gas Tube Lightning Surge Protector
- Designed for Broadband Network Applications
- Transparent to Analog/Digital Bi-directional Signal Transmission
- Impedance Matched to 75 Ohms
- Power Passing
- Insertion Loss 0.2 dB Typical
- Return Loss 30dB Typical
- Frequency Range DC - 1.0 GHz
- Listed to UL 497 & CSA Certified



210MF75F225-31



### 210 & 212 – IN-LINE® COAXIAL LIGHTNING SURGE PROTECTORS

Our cutting edge In-Line® Coaxial Lightning Surge Protectors protect personnel and customer premises equipment, e.g. Televisions, Cable Set-Top Boxes and Cable Modems from lightning and power induced surges on coaxial cables. Specifically designed for today's broadband signals carried over coax cables.

#### ORDERING INFORMATION

| MODEL NO.              | DESCRIPTION  |
|------------------------|--|
| <b>210FF75F225-31</b>  | Female/Female Connector Configuration, "F" Type Connector                            |
| <b>210FF75F225-311</b> | Female/Female Connector Configuration, "F" Type Connector with 6" #12 Ground Wire    |
| <b>210MF75F225-31</b>  | Male/Female Connector Configuration, "F" Type Connector                              |
| <b>212FF75F225-31</b>  | Female/Female Connector Configuration, "F" Type Connector with Integral Ground Block |

#### DIMENSIONS

Dimensions (height x width x depth): 2.7" x 1.5" x 0.62" (6.9 cm x 3.8 cm x 1.6 cm)



### 210 BNC SERIES – IN-LINE® COAXIAL SURGE PROTECTOR

Designed specifically for today's broadband coax distribution networks, our state-of-the-art In-Line® Coaxial Surge Arrester protects personnel and equipment from lightning and power-induced excess voltage surges on coaxial cable circuits.

#### ORDERING INFORMATION

| MODEL NO.             | DESCRIPTION   |
|-----------------------|---|
| <b>210FF75B22511</b>  | Female/Female Connector Configuration, "BNC" Type Connector                         |
| <b>210FF75B225111</b> | Female/Female Connector Configuration, "BNC" Type Connector with 6" #12 Ground Wire |

#### DIMENSIONS

Dimensions (height x width x depth): 3.74" x 3" x 0.63" (9.5 cm x 7.6 cm x 1.6 cm)



### 231 SERIES – COAXIAL SATELLITE DISH SURGE PROTECTORS

The 231 Series Coaxial Surge Protectors are specifically designed for satellite dish installations. The 231 protects the satellite dish, the receiver and the antenna from lightning induced surges.

#### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION                                     |
|--------------|---|
| <b>231-1</b> | One Line Coaxial Satellite Dish Surge Protector |
| <b>231-2</b> | Two Line Coaxial Satellite Dish Surge Protector |

#### DIMENSIONS

Dimensions (height x width x depth): 5" x 1.72" x 1.26" (12.7 cm x 4.4cm x 3.2 cm)





**706 SERIES | 202 – DS-3 PROTECTOR PANEL AND COAX RACK MOUNT MODULE**

The 706 Series DS-3 Protector Panel accommodates 202 Series coax rackmount modules. It can accommodate up to six 202 Series modules which consist of 12 coax protectors. Designed specifically for today's high speed digital coax distribution networks, our state-of-the-art DS-3 Protector Panel protects personnel and equipment from lightning and power-induced overvoltage surges on coaxial cable circuits.

**ORDERING INFORMATION**

| 706        | -XX  | -X                             |
|------------|--|--------------------------------|
|            | DS-3 PROTECTOR PANEL   | NO. OF COAX RACK MODULES       |
|            | 19 = 19" Rack  | 0 = None                       |
|            | 23 = 23" Rack  | 1 = One Module (2 Protectors)  |
|            |  | 6 = Six Module (12 Protectors) |
| 202 MODULE | Coax Rack Mount Module Equipped with Two 210FF75B22511 Coax Protectors |                                |

**DIMENSIONS**

Dimensions (height x width x depth): 23" x 7.72" x 1.25" (58.4 cm x 19.6 cm x 3.2 cm)



**98 – COAX SERVICE MODULE (CSM)**

The 98 Coax Service Module (CSM) provides a protected or unprotected coax connection in our series of Outdoor Broadband Network Interface Devices (NIDs).

**ORDERING INFORMATION**

| 98 | -X               | -X                         | -X                |
|----|------------------|----------------------------|-------------------|
|    | TYPE             | COAX PROTECTOR             | OPTIONS           |
|    | 1 = Customer CSM | 0 = Unprotected            | 0 = None          |
|    | 2 = Telco CSM    | 1 = Protected Customer CSM | 1 = Ground Jumper |
|    |                  | 2 = Protected Telco CSM    |                   |

**DIMENSIONS**

Dimensions (height x width x depth): 3.6" x 1.7" x 0.9" (9.1 cm x 4.3 cm x 2.3 cm)

### FIVE-PIN PROTECTOR PACKS

UL Listed Primary and Secondary five pin protector packs are suitable for use at the demarcation point for Customer Premise owners and installers for runs between buildings in an industrial, commercial, or campus environment to protect communication networks. Available in 66 and 110 terminations; 6, 12 and 25 pair configurations.

### ORDERING INFORMATION

| BLOCK ONLY  | MODEL NUMBER                                     |   | PAIR COUNT | INPUT / OUTPUT |
|-------------|--|---|------------|----------------|
|             | WITH 175-3C1EW-NL<br>350V GAS TUBE<br>PROTECTORS | WITH 115-6C1FSC-N<br>240V SOLID STATE<br>PROTECTORS |            |                |
| <b>506</b>  | <b>506GT</b>                                     | <b>506SS240</b>                                     | 6          | 66 / 66        |
| <b>1506</b> | <b>1506GT</b>                                    | <b>1506SS240</b>                                    | 6          | 110 / 110      |
| <b>512</b>  | <b>512GT</b>                                     | <b>512SS240</b>                                     | 12         | 66 / 66        |
| <b>1512</b> | <b>1512GT</b>                                    | <b>1512SS240</b>                                    | 12         | 110 / 110      |
| <b>525</b>  | <b>525GT</b>                                     | <b>525SS240</b>                                     | 25         | 66 / 66        |
| <b>1525</b> | <b>1525GT</b>                                    | <b>1525SS240</b>                                    | 25         | 110 / 110      |

Factory installed protector modules

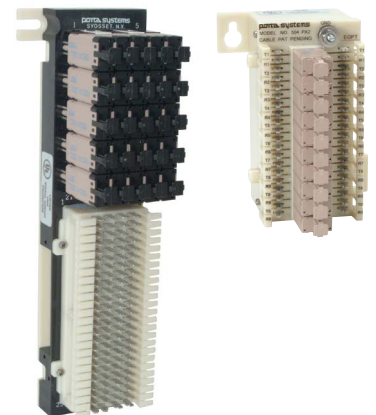


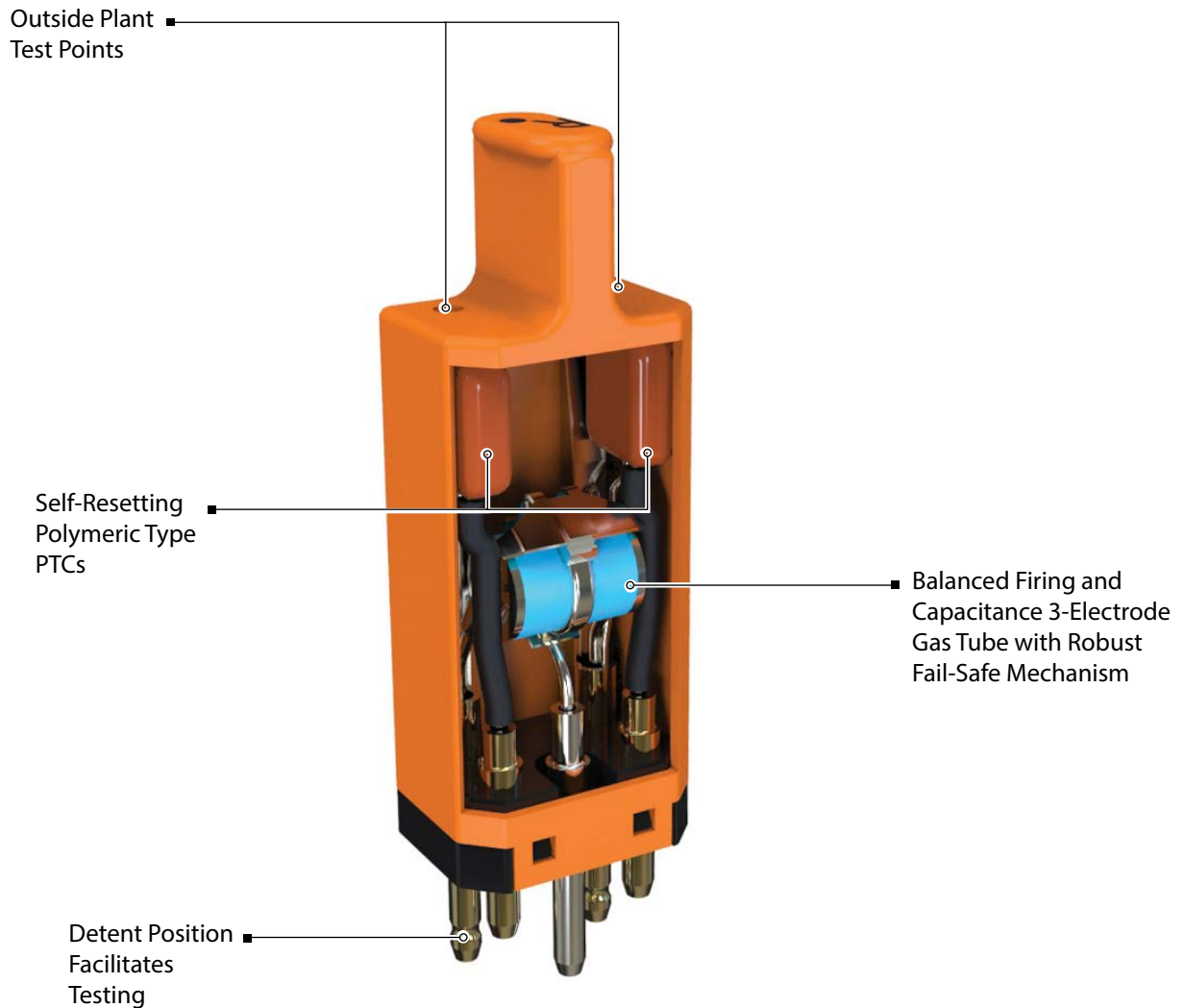
### SINGLE-PIN PROTECTOR PACKS

The 504 and 581 are UL Listed Primary and Secondary single-pin protector packs. They are suitable for use at the demarcation point for Customer Premise owners and installers for runs between buildings in an industrial, commercial, or campus environment to protect communication networks. Available in 66 and 110 terminations; 6, 12 and 25 pair configurations. Factory installed and tested Solid State and Gas tube protectors available.

### ORDERING INFORMATION

| MODEL NUMBER |                             | PAIR COUNT | INPUT / OUTPUT |
|--------------|-----------------------------|------------|----------------|
| BLOCK ONLY   | W/ 350V GAS TUBE PROTECTORS |            |                |
| 504PX2       | 504PX26GT                   | 6          | 66 / 66        |
| 1504PX2      | 1504PX26GT                  | 6          | 110 / 110      |
| N/A          | 504PX210GT                  | 12         | 66 / 66        |
| N/A          | 1504PX210GT                 | 12         | 110 / 110      |
| 581P2        | 581P225GT                   | 25         | 66 / 66        |
| 1581P2       | 1581P225GT                  | 25         | 110 / 110      |





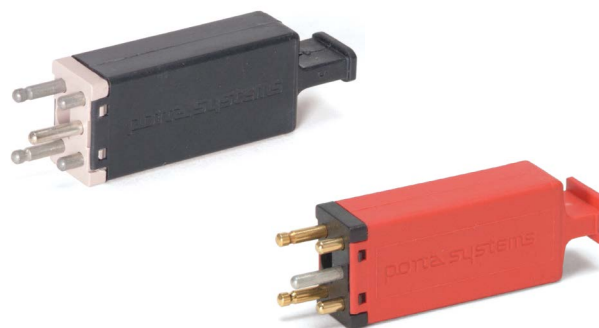
195-6C9EM-NL

### FEATURES/BENEFITS:

- Ideal for High-Speed Networks in High Surge Exposure Environments
- Balanced Capacitance Three-Electrode GDT Design
- PTCs for Sneak Current Protection
- Detent Position Facilitates Testing
- Available With or Without Test Points
- Heat activated fail-safe mechanism provides additional protection
- Available with test points to access the outside plant
- Prevents costly damage to circuitry and extends equipment life
- Protects personnel from dangerous voltage surges
- Meets Telcordia GR-974 Requirements (Telcordia Analysis DA-1940)
- Listed to UL 497 for Primary Protection

### GAS TUBE SERIES PROTECTORS

Our gas tube modules are dependable plug-in devices that guard sensitive networks from dangerous voltage surges. UL Listed to 497 for primary protectors and Telcordia GR974 Compliant, the gas tubes utilize a three-element design which prevents destructive line-to-line over voltages, protecting broadband networks, PBXs and key systems in a way that conventional two element gas tubes cannot.



### ORDERING INFORMATION

| CONFIGURATION | 350 VOLT           | OVER CURRENT | BODY COLOR | TEST POINTS | APPLICATION      | REPLACEMENT FOR   |
|---------------|--------------------|--------------|------------|-------------|------------------|-------------------|
| FIVE- PIN     | <b>175-3C1EW-N</b> | -            | Black      | Yes         | Standard Circuit | 175BCXN-230, -400 |
|               | <b>173-3C3EW-N</b> | -            | Red        | Yes         | Special Circuit  | -                 |
|               | <b>195-6C1EM-N</b> | 4 Ohm PTC    | Black      | Yes         | Standard Circuit | 195BCXN-230, -400 |
|               | <b>193-6C3EM-N</b> | 4 Ohm PTC    | Red        | Yes         | Special Circuit  | 193BCXN-230, -400 |
|               | <b>195-6B9EM</b>   | 4 Ohm PTC    | Orange     | No          | -                | -                 |
|               | <b>195-6C9EM</b>   | 4 Ohm PTC    | Orange     | Yes         | -                | -                 |
| SINGLE-PIN    | <b>75-3C1EW-N</b>  | -            | Black      | Yes         | Standard Circuit | 75BCXN-230, -400  |
|               | <b>73-3C3EW-N</b>  | -            | Red        | Yes         | Special Circuit  | -                 |
|               | <b>95-6C1EM-N</b>  | 4 Ohm PTC    | Black      | Yes         | Standard Circuit | 95BCXN-230, -400  |
|               | <b>93-6C3EM-N</b>  | 4 Ohm PTC    | Red        | Yes         | Special Circuit  | -                 |
|               | <b>95-6B9EM-N</b>  | 4 Ohm PTC    | Orange     | No          | -                | -                 |
|               | <b>95-6C9EM-N</b>  | 4 Ohm PTC    | Orange     | Yes         | -                | -                 |

Add "-NL" for 2 inch body.

Add "-W" for weather sealed protector module.

Remove "-N" for Gold pins.





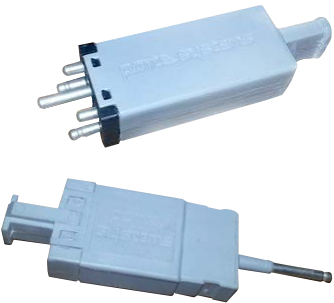
SOLID STATE PROTECTORS

Solid State Protector Modules provide premium high speed protection for sensitive communication equipment. Integral test points allow easy access to the outside plant.

ORDERING INFORMATION

| CONFIG.   | 75 VOLT      | 240 VOLT     | 300 VOLT     | OVER CURRENT | BODY COLOR | TEST POINTS | APPLICATION      | REPLACEMENT FOR       |
|-----------|--------------|--------------|--------------|--------------|------------|-------------|------------------|-----------------------|
| FIVE- PIN | 105-3C1S75-N | 105-3C1F5-N  | 105-3C1ES-N  | -            | Black      | Yes         | Standard Circuit | 105SCN-75, -240, -300 |
|           | 103-3C3S75-N | 103-3C3F5-N  | 103-3C3ES-N  | -            | Red        | Yes         | Special Circuit  | 103SCN,75, -240, -300 |
|           | 115-6C1S75-N | 115-6C1F5C-N | 115-6C1ESC-N | 4 Ohm PTC    | Black      | Yes         | Standard Circuit | 115SCN-75, -240, -300 |
|           | 113-6C3S75-N | 113-6C3F5C-N | 113-6C3ESC-N | 4 Ohm PTC    | Red        | Yes         | Special Circuit  | 113SCN-75, -240, -300 |

Add “-W” for weather sealed protector module.  
Remove “-N” for Gold pins.



CUT-THROUGH PROTECTOR MODULES

These modules are cut-through, continuity only to bridge the Outside Plant (OSP) cable to the Central Office (CO) or Station equipment.

ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                                       |
|-----------|---|
| 55BCN     | Single-Pin Cut-Through Protector Module           |
| 155BCN    | Five-Pin Cut-Through Protector Module             |
| 155SBCN   | Five-Pin Cut-Through Protector Module, Short Body |

### DELTA/HYBRID PROTECTORS

The Delta™ Protector provides premium, high-speed protection for sensitive communications and data equipment. The module of choice in high lightning areas, the Delta™ offers superior protection from overvoltages and overcurrents preventing costly damages to equipment.



### ORDERING INFORMATION

| CONFIG.           | 75 VOLT            | 230 VOLT            | 350 VOLT            | OVER CURRENT    | BODY COLOR | APPLICATION      | REPLACEMENT FOR          |
|-------------------|--------------------|---------------------|---------------------|-----------------|------------|------------------|--------------------------|
| <b>FIVE-PIN</b>   | <b>195BCDXN-75</b> | <b>195BCDXN-230</b> | <b>195BCDXN-350</b> | 4 Ohm Heat Coil | Black      | Standard Circuit | 195BCSDXN-75, -230, -350 |
| <b>SINGLE-PIN</b> | <b>95BCDXN-75</b>  | <b>95BCDXN-230</b>  | <b>95BCDXN-350</b>  | 4 Ohm Heat Coil | Black      | Standard Circuit | 95BCSDXN-75, -230, -350  |

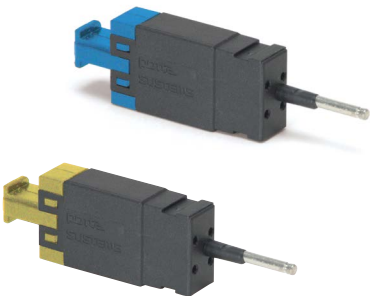
### SINGLE-PIN PROTECTORS

Solid State Single-Pin Protector Modules designed for use with Tii's Jack Test Block.

### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION  |
|--------------|--|
| <b>PM1B</b>  | Provides a metallic path for circuits and services that require no protection.   |
| <b>SPD6D</b> | Solid State Module providing premium high speed protection for sensitive communication and data equipment. Protects Twisted Pair line equipment against lightning and transient disturbances. Mechanically compatible with older 2A, 6A and 6B products.                         |
| <b>SPD9C</b> | Solid State with Sneak Current Limiting Module providing premium high speed protection for sensitive communication and data equipment. Protects Twisted Pair line equipment against lightning and transient disturbances. Mechanically compatible with older 4A and 9B products. |





**CAT 5E & CAT 6 PROTECTORS**

These ultra-low capacitance sold state protector modules provide premium protection for sensitive data communication equipment to frequencies up to 250MHz. Ideal for Power Over Ethernet (POE) circuit protection using the 65 Volt module.

**ORDERING INFORMATION**

| CONFIGURATION | OVER CURRENT PROTECTION | 18 VOLT | 27 VOLT | 65 VOLT |
|---------------|-------------------------|---------|---------|---------|
| Single-Pin    | Current Limiting Device | LVP18   | LVP27   | LVP65   |



**23C - PROTECTOR MODULES**

23C Protector Modules utilize a three-chip semiconductor design that is a dependable protection solution. This module is designed to protect personnel and equipment from indirect lightning strikes and electro-magnetic disturbances as well as direct power crosses on telephony cables. These modules are equipped with a heat-activated fail safe mechanism.

**ORDERING INFORMATION**

| MODEL NO. | DESCRIPTION                           |
|-----------|---------------------------------------|
| 23C       | Balanced Solid State Protector Module |

### RACKMOUNT PROTECTOR PANELS

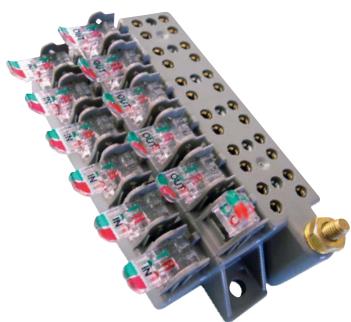
Our protector panels are a powerful solution for your connection or protection applications and are aimed at giving you the space savings and improved economy you're looking for. Modern day broadband (Triple Play) networks require custom, high-density connection and protection solutions with low cross-talk and insertion loss. We have the flexible solutions that meet these challenging requirements.

Cat5 compliant for superior transmission of DSL or other high frequency networks.

### ORDERING INFORMATION

|    | MODEL NO.              | PAIR COUNT | TERMINATION (IN)      | TERMINATION (OUT)    | WIDTH |
|---|------------------------|------------|-----------------------|----------------------|-------|
|   | <b>19016-BA30-WA06</b> | 16         | 30 ft. CAT5 Stub Tail | RJ45 - CAT5 6ft Tail | 19"   |
|   | <b>19032-BA30-WA06</b> | 32         | 30 ft. CAT5 Stub Tail | RJ45 - CAT5 6ft Tail |       |
|    | <b>19050-CC04-66</b>   | 50         | MS2 - 4 ft. Tail      | 66                   | 19"   |
|   | <b>19050-EC04-66</b>   | 50         | 710 - 4 ft. Tail      | 66                   |       |
|   | <b>19050-MC04-66</b>   | 50         | RJ21 - 4 ft. Tail     | 66                   |       |
|   | <b>19050-CC04-110</b>  | 50         | MS2 - 4 ft. Tail      | 110                  | 19"   |
|   | <b>19050-EC04-110</b>  | 50         | 710 - 4 ft. Tail      | 110                  |       |
|   | <b>19050-MC04-110</b>  | 50         | RJ21 - 4 ft. Tail     | 110                  |       |
|   | <b>19050-110-110</b>   | 50         | 110                   | 110                  |       |
|  | <b>19100-CC06-MC06</b> | 100        | MS2 - 6 ft. Tail      | RJ21 - 6 ft. Tail    | 19"   |
|   | <b>19100-EC06-MC06</b> | 100        | 710 - 6 ft. Tail      | RJ21 - 6 ft. Tail    |       |
|   | <b>19100-MC06-MC06</b> | 100        | RJ21 - 6 ft. Tail     | RJ21 - 6 ft. Tail    |       |
|  | <b>19110-CC06-MC06</b> | 100        | MS2 - 6 ft. Tail      | RJ21 - 6 ft. Tail    | 19"   |
|   | <b>19110-EC06-MC06</b> | 100        | 710 - 6 ft. Tail      | RJ21 - 6 ft. Tail    |       |
|  | <b>19200-BC20-MC03</b> | 200        | 20 ft. CAT3 Stub      | RJ21 3 ft. CAT3 Stub | 19"   |
|  | <b>23200-CC06-MC06</b> | 200        | MS2 - 6 ft. Tail      | RJ21 - 6 ft. Tail    | 23"   |
|   | <b>23200-EC06-MC06</b> | 200        | 710 - 6 ft. Tail      | RJ21 - 6 ft. Tail    |       |
|   | <b>23200-MC06-MC06</b> | 200        | RJ21 - 6 ft. Tail     | RJ21 - 6 ft. Tail    |       |

Please call Customer Service for custom stub tail.  
Custom (CAT5e/CAT3) tails and connectors types also available.



### IF006PF - PROTECTOR PACK

The IF006PFNPM is a six pair indoor protector unit with tool-less IDC inputs and outputs. The unit allows for up to six 5-pin protector modules which when installed will protect sensitive circuitry by responding to surges and overvoltage surges. This unit can be used for OSP applications and xDSL services.

#### ORDERING INFORMATION

| MODEL NO.      | DESCRIPTION   |
|----------------|---|
| IF006PFNPM     | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; No Protectors                      |
| IF006PF3B1ESM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 300V SS, Black                   |
| IF006PF3B1FSM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 240V SS, Black                   |
| IF006PF3B3ESM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 300V SS, Red                     |
| IF006PF3B3FSM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 240V SS, Red                     |
| IF006PF3C1ESM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 300V SS, Black with Test Points  |
| IF006PF3C1FSM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 240V SS, Black with Test Points  |
| IF006PF3C3ESM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 300V SS, Red with Test Points    |
| IF006PF3C3FSM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 240V SS, Red with Test Points    |
| IF006PF3B1EWM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 350V GDT, Black                  |
| IF006PF3B3EWM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 350V GDT, Red                    |
| IF006PF3C1EWM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 350V GDT, Black with Test Points |
| IF006PF3C3EWM  | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 350V GDT, Red with Test Points   |
| IF006PF3B1EWSM | Indoor Fixed 6-Pair Block with Tool-less IDC input and output; 6 350V GDT, Black Short Body       |

#### DIMENSIONS

Dimensions (height x width x depth): 4.5" x 2.07" x 1.48" (11.4 cm x 5.3 cm x 3.8 cm)



### EMC-240B - AC SURGE SUPPRESSOR

The EMC-240B Surge Suppressor is designed to protect powered OSP telecom cabinets, home electrical panels, or similar electronic equipment from destructive voltage surges. Wires exit from top of unit for easy panel mounting. Designed to be installed in standard two phase 120/240 Volt or single phase 110 Volt circuits. Front-facing LEDs indicate the protection circuitry is functioning properly.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| EMC-240B  | AC Surge Suppressor with Fuses and Failure Indicator, Top Wire Entry, 18" Wire Leads |

#### DIMENSIONS

Dimensions (height x width x depth): 4.6" x 2.8" x 2.2" (11.7 cm x 7.1 cm x 5.6 cm)



### 122 – PRIMARY SURGE ARRESTER MODULE

The Primary Surge Arrester Modules are the basic components of Station Protectors. Because the wiring terminals are an integral part of the protector module, the entire self-contained unit must be removed and replaced when it reaches its “end of life” condition. This ensures that the subscriber is always protected when connected to the service wire.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                                    |
|-----------|--|
| 122       | Three Electrode, Primary Surge Arrester Module |

#### DIMENSIONS

Dimensions (height x width x depth): 1.45" x 0.8" x 0.62" (3.7 cm x 2.0 cm x 1.6 cm)



### 126 – HEAVY DUTY TOTEL FAILSAFE® TFS® STATION PROTECTOR MODULE

Our Totel Failsafe® Station Protector Modules are the basic components of Station Protectors. Because the wiring terminals are an integral part of the protector module, the entire self-contained unit must be removed and replaced when it reaches its “end of life” condition. This ensures that the subscriber is always protected when connected to the service wire.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 126L1     | Two Electrode, Heavy Duty Protector Module                       |
| 126M      | Two Electrode, Heavy Duty Protector Module 300-500V dc Breakdown |

#### DIMENSIONS

Dimensions (height x width x depth): 1.52" x 1.4" x 0.57" (3.9 cm x 3.6 cm x 1.4 cm)



### 355M – MAXIMUM DUTY TOTEL FAILSAFE® TFS® STATION PROTECTOR MODULE

The Totel Failsafe® Station Protector Modules are the basic components of Station Protectors, and the 355M Maximum Duty Protector provides years of reliable protection against power surges and the damage they can cause.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 355(M)    | Maximum Duty Totel Failsafe® TFS® Station Protector Module |

#### DIMENSIONS

Dimensions (height x width x depth): 2.25" x 1.46" x 0.75" (5.7 cm x 3.7 cm x 1.9 cm)





### 356 – HEAVY DUTY TOTEL FAILSAFE® TFS® STATION PROTECTOR MODULE

The Total Failsafe® Station Protector Modules are the basic components of Station Protectors, and the 356 Heavy Duty Protector provides years of reliable protection against power surges and the damage they can cause.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 356L      | Heavy Duty Total Failsafe® TFS® Station Protector Module |

*"L" designates a protector module meeting the specific Bell System requirements.*



### 356M3 – HEAVY DUTY TOTEL FAILSAFE® TFS® STATION PROTECTOR MODULE

The 356M3 module consists of a Tii Balanced Heavy Duty narrow breakdown voltage range three-electrode gas tube surge arrester, failshort device, backup airgaps and a set of over-current protection elements.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 356M3     | Heavy Duty Narrow Breakdown Voltage Range Total Failsafe® TFS® Station Protector Module with Over Voltage Protection |



### 356-11-00 – DSL COMPLIANT STATION PROTECTOR WITH DEMARCATION JACK

The 356-11-00 Protector Module combines the 356 Heavy Duty Protector with Tii's gel-filled RJ-11 Auto-Jack® and gel-filled IDC terminations to provide years of reliable protection against power and lightning induced surges.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION   |
|-----------|---|
| 356-11-00 | DSL Compliant Station Protector with Demarcation Jack |

#### DIMENSIONS

Dimensions (height x width x depth): 2.73" x 1.88" x 0.75" (6.9 cm x 4.8 cm x 1.9 cm)

### 372-S2 – 100 BASE-T SURGE PROTECTION MODULE

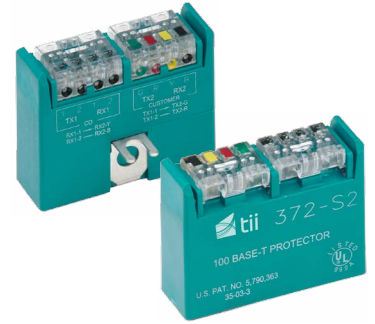
The 372-S2 100 Base-T Surge Protection Module is designed to provide state-of-the-art protection for 100 Base-T networks or similar high-speed, low-voltage, data networks.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                        |
|-----------|------------------------------------|
| 372-S2    | 100 Base-T Surge Protection Module |

#### DIMENSIONS

Dimensions (height x width x depth): 2.25" x 1.88" x 0.61" (5.7cm x 4.8 cm x 1.5 cm)

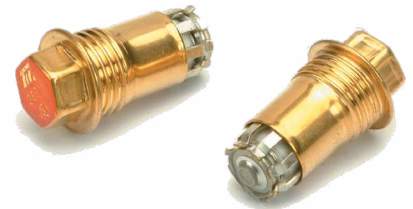


### 362M, 362K & 365 - PROTECTOR UNITS

The 362M/K & 365 Protector Units are designed as direct field replacements for carbon or other gas tube protector assemblies in blocks with 1/2" - 20 threaded wells. assemblies in blocks with 7/16"-20 thread wells. The 362M/K & 365 not only replace carbon and conventional tubes, but have the advantage of Tii's Heavy Duty two-electrode gas tube and back-up airgap.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                          |
|-----------|--------------------------------------|
| 362M      | Protector Unit 1/2"– 20 (Orange Top) |
| 362K      | Protector Unit 1/2"– 20 (Yellow Top) |
| 365       | Protector Unit 1/2"– 20 (White Top)  |



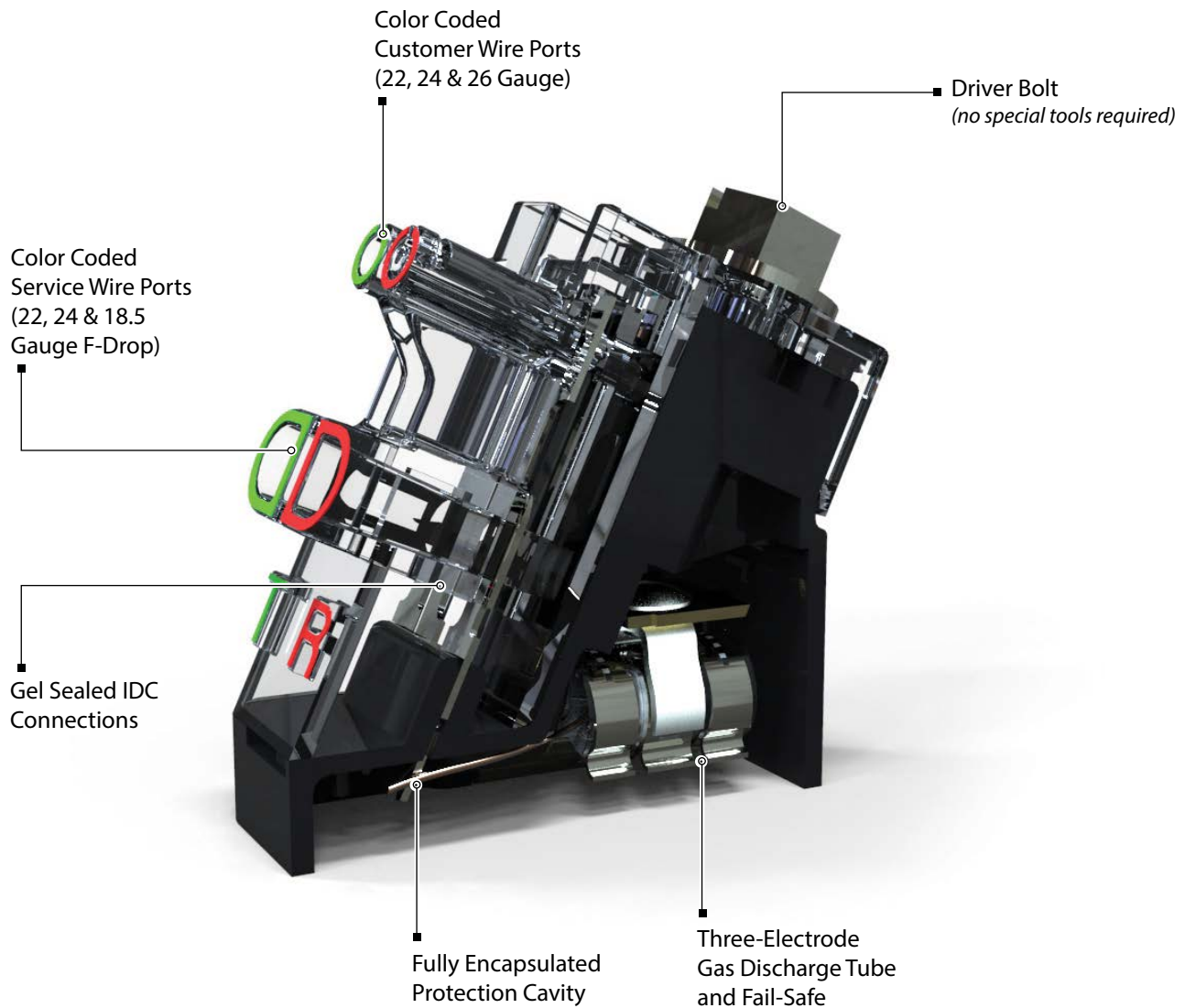
### 366 - PROTECTOR UNIT

The 366 Protector Units are designed as direct field replacements for carbon or other gas tube protector assemblies in blocks with 7/16"-20 thread wells. The 366 not only replace carbon and conventional tubes, but have the advantage of Tii's Heavy Duty two-electrode gas tube and back-up airgap.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION              |
|-----------|--------------------------|
| 366       | Protector Unit 7/16"– 20 |





AD-01W-LP

### FEATURES/BENEFITS:

- Optimal performance for IPTV video over DSL due to low line to ground capacitance, providing significantly better DSL Insertion Loss than most competitive products.
- The Tii micro Angle Driver® consists of a three-electrode gas tube surge arrester, failshort device and Gel-Sealed IDC (Insulation Displacement Connection) type connectors for terminating all wires in one completely self-contained unit.
- IDC connections require no stripping of the wire insulation for terminating.
- Module has two ports for small-gauge (22-26 AWG) wire terminations and two ports designed to accept large-gauge (18-19 AWG) or small-gauge (22-24 AWG) wire for tip/ring connections, all of which are environmentally sealed.
- May be employed in a variety of single and multiple pair network interface and station protector housings.
- Can be used to retrofit/service upgrades of existing assemblies already installed in the field.
- Unit is supplied with a unique, universal ground tab which may be snapped off to allow for multiple mounting arrangements.

### ANGLE DRIVER® – AD-01W-LP DSL COMPLIANT SEALED STATION PROTECTOR

The Angle Driver® AD-01W-LP is specifically designed to protect tomorrow's high-speed digital networks, such as ADSL2+/VDSL2 technology against damage caused by electrical surges.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION   |
|-----------|---|
| AD-01W-LP | Heavy Duty Total Failsafe® TFS® Gel-Sealed Station Protector With Snap-Off Ground Tab |

#### DIMENSIONS

Dimensions (height x width x depth): 1.69" x 1.11" x 1.58" (4.3 cm x 2.9 cm x 4.0 cm)



### 117S – EMERGENCY PHONE SYSTEMS SURGE PROTECTION PANEL

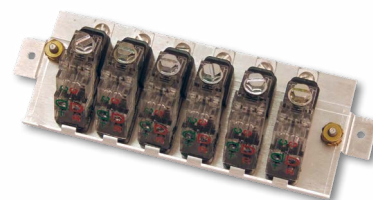
The 117S Surge Protection Panel provides superior surge protection to emergency phone systems. Modular design allows field replacement of individual gel-sealed primary surge protection modules. The protection panel replaces screw-in type well arrester panels and provides more reliable telephone service.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 117S      | Emergency Phone System Surge Protection Panel with Six (6) Protector Modules |

#### DIMENSIONS

Dimensions (height x width x depth): 6.4" x 8" x 4.2" (16.3cm x 20.3 cm x 10.7 cm)



### 150C – SUBSCRIBER PROTECTOR COVER (FOR STATION APPLICATIONS)

The 150C Cover is specifically designed as a direct replacement for the WE150B soft plastic (neoprene) cover. This replacement unit provides existing or newly installed subscriber blocks with a superior protective enclosure.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                |
|-----------|----------------------------|
| 150C      | Subscriber Protector Cover |

#### DIMENSIONS

Dimensions (height x width x depth): 3.8" x 3.57" x 2" (9.7cm x 9.1 cm x 5.1 cm)







### 315 – OUTDOOR RATED STATION PROTECTOR

The 315 Station Protector consists of a Tii Surge Protector module inside an Outdoor Rated Utility Enclosure, with molded in-ground stud.

#### ORDERING INFORMATION

| MODEL NO.       | DESCRIPTION                                   |
|-----------------|---|
| <b>315-90-1</b> | One Pair Station Protector with an AD-06W-LP2 |
| <b>315-91-1</b> | One Pair Station Protector with an AD-07W-FS2 |

#### DIMENSIONS

Dimensions (height x width x depth): 4.29" x 3.26" x 2.21" (10.9 cm x 8.3 cm x 5.6 cm)



### 320, 321, 325, & 326 – TOTEL FAILSAFE® TFS® STATION PROTECTORS

The Total Failsafe® TFS® Station Protectors consist of a mounting base, protector module, grommet, and fitted cover with nylon fastening nut.

#### ORDERING INFORMATION

| MODEL NO.                 | XX   |
|---------------------------|--|
| <b>STATION PROTECTORS</b> |  |
| <b>320-(XX)-1</b>         | 22 = 122   |
| <b>320-(XX)-2</b>         | 51 = 127M  |
|                           | 78 = AD-01W-LP   |
| MODEL NO.                 | DESCRIPTION  |
| <b>321-1-(*)</b>          | One Pair Heavy Duty Station Protector Equipped with One (1) 126 Protector Module     |
| <b>321-2-(*)</b>          | Two Pair Heavy Duty Station Protector Equipped with Two (2) 126 Protector Modules    |
| <b>325-1M</b>             | One Pair Maximum Duty Station Protector Equipped with One (1) 355M Protector Module  |
| <b>325-2M</b>             | Two Pair Maximum Duty Station Protector Equipped with Two (2) 355M Protector Modules |
| <b>326-1L</b>             | One Pair Heavy Duty Station Protector Equipped with One (1) 356L Protector Module    |
| <b>326-2L</b>             | Two Pair Heavy Duty Station Protector Equipped with Two (2) 356L Protector Modules   |

\* Insert letter L or M in place of (\*).

"L" designates a protector module meeting specific Bell System requirements.

"M" designates a protector module meeting RUS and PEG and other industry requirements.

Both "L" and "M" types are UL Listed.

#### DIMENSIONS

Dimensions (height x width x depth): 3.59" x 2.96" x 2.37" (9.1 cm x 7.5 cm x 6.0 cm)

### 344, 345, 348 & 349 - STATION PROTECTORS

The Total Failsafe® Station Protectors are the basic components of Station Protectors and consist of a Surge Protector module in a 160G BIG MAC® Utility Enclosure, with molded in-ground stud.



### ORDERING INFORMATION

| MODEL NO. | XX                 | X                 |
|-----------|--------------------|-------------------|
|           | STATION PROTECTORS | QTY OF MODULES    |
| 344       | 00 = No Protectors | 54 = 356M3        |
|           | 22 = 122           | 78 = AD-01W-LP    |
|           |                    | 80 = ADX-L/R or W |

| MODEL NO.  | DESCRIPTION   |
|------------|---|
| 345-1( * ) | One Pair Total Failsafe® TFS® Station Protector equipped with One (1) 126 Protector Module    |
| 345-2( * ) | Two Pair Total Failsafe® TFS® Station Protectors equipped with Two (2) 126 Protector Modules  |
| 348-1MG    | One Pair Total Failsafe® TFS® Station Protector equipped with One (1) 355M Protector Module   |
| 348-2MG    | Two Pair Total Failsafe® TFS® Station Protectors equipped with Two (2) 355M Protector Modules |
| 349-1LG    | One Pair Total Failsafe® TFS® Station Protector equipped with One (1) 356L Protector Module   |
| 349-2LG    | Two Pair Total Failsafe® TFS® Station Protectors equipped with Two (2) 356L Protector Modules |

*\*Insert letter L or M in place of (\*).*

*"M" designates a protector module meeting RUS and PEG and other industry requirements.*

*"L" designates a protector module meeting specific Bell System requirements. Both "L" and "M" types are UL Listed.*

### DIMENSIONS

Dimensions (height x width x depth): 4.29" x 3.26" x 2.1" (10.9 cm x 8.3 cm x 5.3 cm)



### 347 SERIES – STATION PROTECTOR

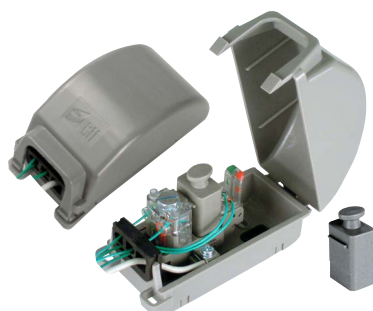
The 347 Series consists of one or two protector modules in a top hinged enclosure with integral ground stud. They are engineered to provide the superior performance that is required in protecting today's technology.

#### ORDERING INFORMATION

| MODEL NO.  | XX                 |             |                   | X              | X           |
|------------|--------------------|-------------|-------------------|----------------|-------------|
|            | STATION PROTECTORS |             |                   | QTY OF MODULES | COVER NUT   |
| <b>347</b> | 00 = No Protectors | 17 = 126L1  | 78 = AD-01W-LP    | 0              | 1 = Without |
|            | 01 = 356L          | 22 = 122    | 80 = ADX-L/R or W | 1              |             |
|            | 07 = 355M          | 52 = 372-S2 |                   | 2              |             |
|            | 15 = 126M          | 54 = 356M3  |                   |                |             |

#### DIMENSIONS

Dimensions (height x width x depth): 5.7" x 4.3" x 2.6" (14.5cm x 10.9 cm x 6.6 cm)



### 312 SERIES – SINGLE PAIR STATION PROTECTOR

The 312 Series Enclosure is molded of durable, weather-resistant thermoplastic. Contains Gel-sealed IDC terminations (no special tools required), or screw drive IDC connections with removable 5 pin connection/protection module. Terminates wire gauges .4mm to 1.5mm. Equipped with easily accessible test ports.

#### ORDERING INFORMATION

|  |  |                                  |  |
|--|--|----------------------------------|--|
| <b>312</b>                                 | <b>-X</b>  | <b>-X</b>                        | <b>-X</b>  |
| <b>HOUSING &amp; MODULE WITH PROTECTOR</b> | -1 DRM equipped with 2 Screw Drive IDCs (Telco IN/Cust. OUT)<br>-2 DRM equipped with 1 Screw-down IDC (Telco IN) and 1 Tool-less IDC (Cust. OUT) | -1 Protected<br>-2 Non-Protected | -0 Non-Protected<br>-1 350V +/- 20%<br>-2 230V +/- 20%<br>-3 260V +/- 20%<br>-4 550V +/- 20% |
| <b>DRM</b>                                 | <b>-X</b>  | <b>-X</b>                        | <b>-X</b>  |
| <b>MODULE WITH PROTECTOR</b>               | -1 DRM equipped with 2 Screw Drive IDCs (Telco IN/Cust. OUT)<br>-2 DRM equipped with 1 Screw-down IDC (Telco IN) and 1 Tool-less IDC (Cust. OUT) | -1 Protected<br>-2 Non-Protected | -0 Non-Protected<br>-1 350V +/- 20%<br>-2 230V +/- 20%<br>-3 260V +/- 20%<br>-4 550V +/- 20% |
| <b>DRP</b>                                 | <b>-X</b>  |                                  |  |
| <b>PROTECTOR ONLY</b>                      | -0 Non-Protected<br>-1 350V +/- 20%<br>-2 230V +/- 20%<br>-3 260V +/- 20%<br>-4 550V +/- 20%   |                                  |  |

### 530, 531, 536 & 539 - MULTIPLE PAIR STATION PROTECTORS

The 530, 531 and 536 Station Protectors are made up of a base with hinged cover, modules, ground stud and fanning strip.



### ORDERING INFORMATION

| MODEL NO. | XX                 |                   | X              |
|-----------|--------------------|-------------------|----------------|
|           | STATION PROTECTORS |                   | QTY OF MODULES |
| 530       | 00 = No Protectors | 54 = 356M3        | 2              |
|           | 22 = 122           | 78 = AD-01W-LP    | 4              |
|           | 51 = 127M          | 80 = ADX-L/R or W | 6              |
|           | 52 = 372-S2        |                   |                |
|           |                    |                   |                |

| MODEL NO.                           | DESCRIPTION   |
|-------------------------------------|---|
| 530-0                               | Six Pair Station Protector Housing Only   |
| 530-2L                              | Six Pair Station Protector Housing Equipped with (2) 356L Protector Modules       |
| 530-4L                              | Six Pair Station Protector Housing Equipped with (4) 356L Protector Modules       |
| 530-6L                              | Six Pair Station Protector Housing Equipped with (6) 356L Protector Modules       |
| 531-2M ("M" VERSION AVAILABLE ONLY) | Six Pair Station Protector Housing Equipped with (2) 355M Protector Modules       |
| 531-4M ("M" VERSION AVAILABLE ONLY) | Six Pair Station Protector Housing Equipped with (4) 355M Protector Modules       |
| 531-6M ("M" VERSION AVAILABLE ONLY) | Six Pair Station Protector Housing Equipped with (6) 355M Protector Modules       |
| 536-2( )                            | Six Pair Station Protector Housing Equipped with (2) 126( ) Protector Modules     |
| 536-4( )                            | Six Pair Station Protector Housing Equipped with (4) 126( ) Protector Modules     |
| 536-6( )                            | Six Pair Station Protector Housing Equipped with (6) 126( ) Protector Modules     |
| 539-2L ("L" VERSION AVAILABLE ONLY) | Six Pair Station Protector Housing Equipped with (2 ) AD-01W-FS Protector Modules |
| 539-4L ("L" VERSION AVAILABLE ONLY) | Six Pair Station Protector Housing Equipped with (4) AD-01W-FS Protector Modules  |
| 539-6L ("L" VERSION AVAILABLE ONLY) | Six Pair Station Protector Housing Equipped with (6) AD-01W-FS Protector Modules  |

Please refer to the respective data sheets for description and electrical characteristics of the Protector Modules.

NOTE: Insert letter L or M in place of ( ).

"L" designates a protector module meeting specific Bell System Requirements.

"M" designates a protector module meeting RUS and PEG and other industry requirements.

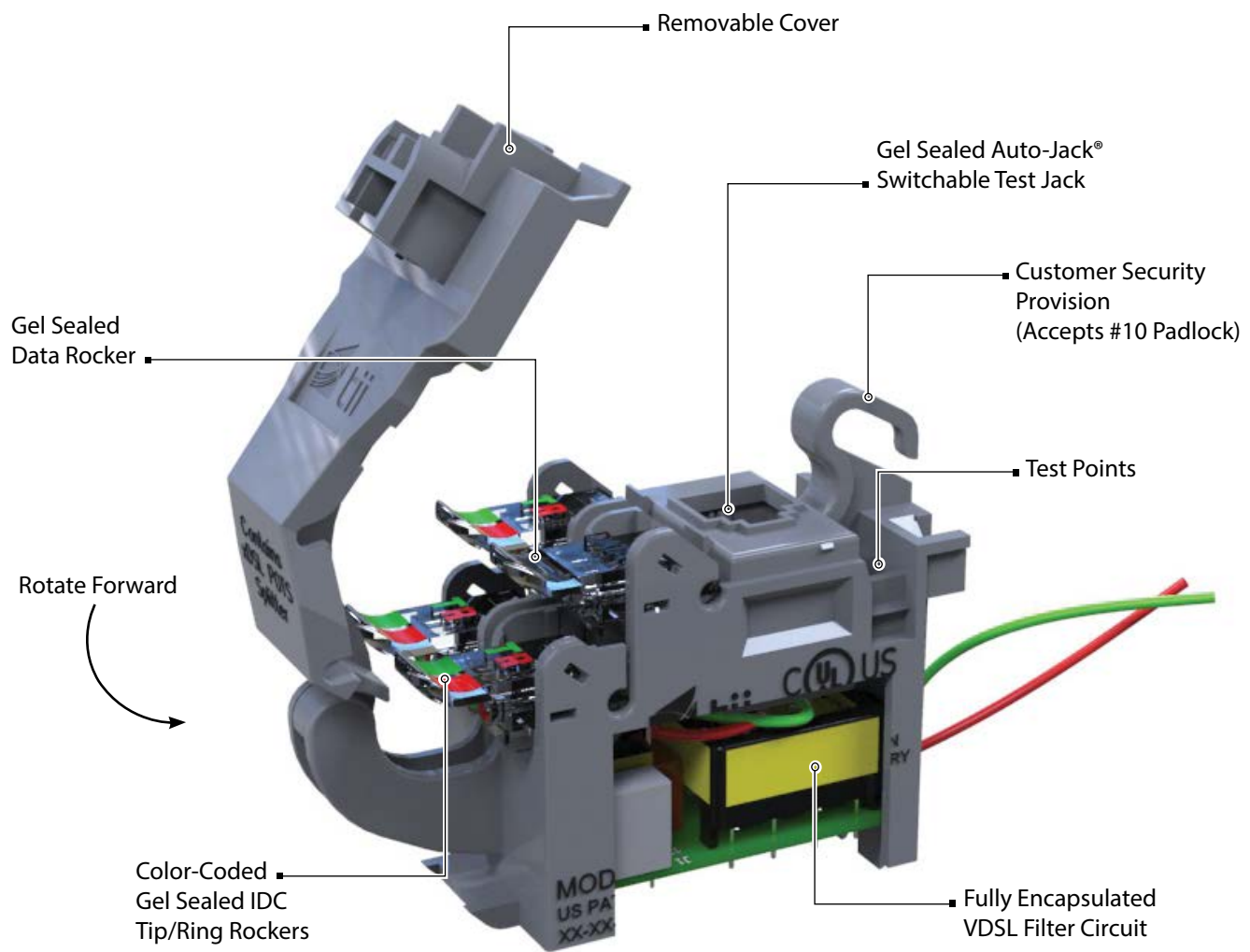
Both "L" and "M" types are UL Listed.

### DIMENSIONS

Dimensions (height x width x depth): 10.2" x 5.6" x 2.7" (25.9 cm x 14.2 cm x 6.9 cm)

### FEATURES/BENEFITS:

- Occupies Only One Position in Network Interface Device
- Approved by CALIX, IOL for VDSL2/ASDL2+, IPTV Deployment
- Meets IPTV Ring Tip Saturation Current Requirements for VDSL2 and ADSL2+ Systems Delivering IPTV Signals
- Environmentally Sealed
- IDC Terminations for DSL and Voice Signals
- Utilizes Tii's Switchable RJ-11 Jack (Auto-Jack®)
- Eliminates RJ-11 Plug Maintenance Problems
- Exceeds Telcordia Severe Lightning Surge Requirements
- Compatible with Tii 3600, Tii 3700, Tii 5100 and Tii 9600 Network Interface Footprints

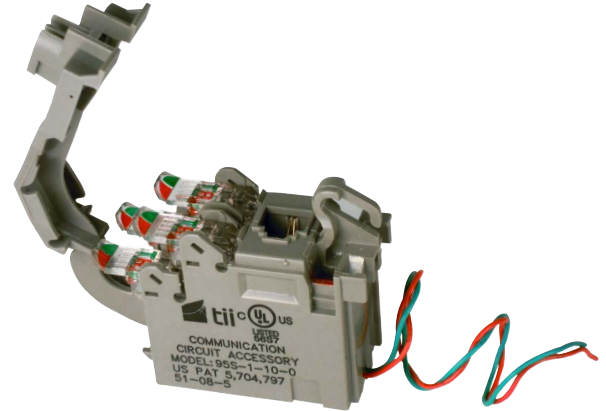


95S-1-12



### 95S-1-10 – xDSL COMPLIANT HALF RINGER CUSTOMER BRIDGE MODULE

The 95S Series xDSL Compliant Half-Ringer Customer Bridge eliminates the signal loss caused by traditional Customer Bridge Modules (CBM) incorporating half-ringer circuits. It also enables MLT half-ringer signature identification.



#### ORDERING INFORMATION

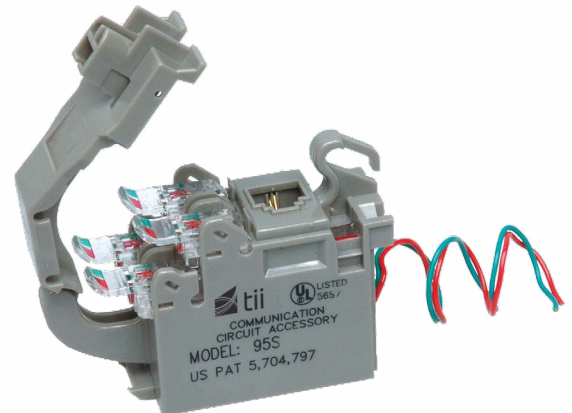
| MODEL NO.  | DESCRIPTION  |
|------------|--|
| 95S-1-10   | Customer Bridge Module with xDSL Compliant Half Ringer                       |
| 95S-1-10-1 | Customer Bridge Module with xDSL Compliant Half Ringer and #10 Terminal Lugs |

#### DIMENSIONS

Dimensions (height x width x depth): 2.7" x 2.0" x 1" (6.9 cm x 5.1 cm x 2.5 cm)

### 95S-1-12 – DSL POTS SPLITTER MODULE FOR VDSL2/ADSL2+, IPTV SERVICES

The 95S Series DSL POTS Splitter splits the combined voice and data signals carried on telephone lines providing separate outputs for both phone and data services. The 95S-1-12 utilizes enhanced circuit components to meet VDSL2/ADSL2+ splitter specifications for advanced data and IPTV deployments.

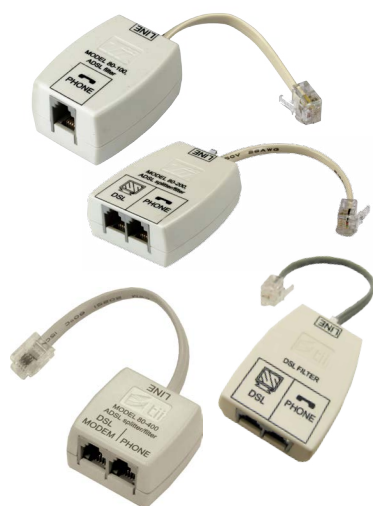


#### ORDERING INFORMATION

| MODEL NO.  | DESCRIPTION  |
|------------|--|
| 95S-1-12   | VDSL2/ADSL2+ POTS Splitter with Wire Leads                       |
| 95S-1-12-1 | VDSL2/ADSL2+ POTS Splitter with Wire Leads and #10 Terminal Lugs |

#### DIMENSIONS

Dimensions (height x width x depth): 2.7" x 2" x 1" (6.9 cm x 5.1 cm x 2.5 cm)



### 80-100 | 80-200 | 80-400 | 80-500 – INDOOR xDSL FILTERS

Indoor xDSL low pass filters are passive in-line devices designed to block Asymmetric Digital Subscriber Line (xDSL) signals from the subscriber's telephone line, allowing the POTS signal to pass through unaffected. The units are designed with a second unfiltered RJ-11 jack on the output side for connection to DSL equipment.

#### ORDERING INFORMATION

| MODEL NO.     | DESCRIPTION   |
|---------------|---|
| <b>80-100</b> | Indoor xDSL Filter  |
| <b>80-200</b> | Indoor xDSL Filter with Data Port                             |
| <b>80-400</b> | Indoor One Line Compact DSL Splitter with Auxiliary Data Port |
| <b>80-500</b> | Indoor In-Line xDSL Filter                                    |



### SCT-A – ACTIVE SEALING CURRENT TERMINATOR

The Active Sealing Current Terminator is a microprocessor controlled circuit that provides DC sealing current terminations to non telephone service DSL subscriber lines. It maintains network connection integrity by allowing current to flow through "DSL Only" service.

#### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION                       |
|--------------|-----------------------------------|
| <b>SCT-A</b> | Active Sealing Current Terminator |



### 80-410V – INDOOR DSL POTS SPLITTER MODULE FOR VDSL2/ADSL2+, IPTV SERVICES

The 80-410V Indoor DSL POTS Splitter Module splits the combined voice and data signals carried on telephone lines providing separate outputs for both phone and data services. It is designed to be mounted inside the customer premises near where the phone service enters the building. RJ jacks or sealed rocker/IDC terminals connect directly to the equipment with data-grade cabling. The 80-410V utilizes enhanced circuit components to meet VDSL2/ADSL2+ splitter specifications for advanced data and IPTV deployments.

#### ORDERING INFORMATION

| MODEL NO.         | DESCRIPTION   |
|-------------------|---|
| <b>80-410V-11</b> | DSL POTS Splitter Module for VDSL2/ADSL2+, IPTV Services with RJ11 Input from Modem |
| <b>80-410V-45</b> | DSL POTS Splitter Module for VDSL2/ADSL2+, IPTV Services with RJ45 Input from Modem |

#### DIMENSIONS

Dimensions (height x width x depth): 3.8" x 2.1" x 1.0" (9.7cm x 5.3 cm x 2.5 cm)

### 372S-12LP – LOW PROFILE xDSL POTS SPLITTER MODULE

The 372S-12LP DSL POTS Splitter Module splits the combined voice and data signals carried on telephone lines providing separate outputs for both phone and data services. The 372S-12 utilizes enhanced circuit components to meet VDSL2/ADSL2+ splitter specifications for advanced data and IPTV deployments.

#### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION                |
|------------------|----------------------------|
| <b>372S-12LP</b> | VDSL2/ADSL2+ POTS Splitter |

#### DIMENSIONS

Dimensions (height x width x depth): 2.3" x 1.9" x 0.6" (5.8 cm x 4.8 cm x 1.5 cm)



### 97FB-S – VDSL POTS SPLITTER MODULE WITH VDSL OUTPUT ON COAX PORT

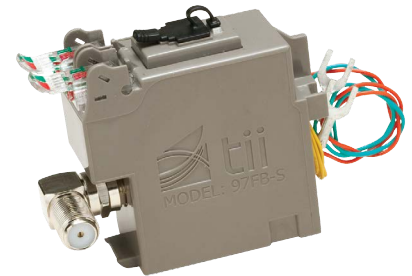
The 97FB-S VDSL POTS Splitter Module splits the combined voice and data signal carried on telephone lines. The POTS output is provided on a dual IDC connector, and VDSL output on a 75 ohm female "F" coax connector. The balanced twisted pair input signal is impedance matched to a single ended coax VDSL output which is lowpass filtered to 8.5MHz, allowing for coexistence with 12-28MHz HPNA signals on a single coax wire. The 97FB-S module also provides the AutoJack®, a switchable RJ11 jack, as the customer demarcation point.

#### ORDERING INFORMATION

| MODEL NO.     | DESCRIPTION  |
|---------------|--|
| <b>97FB-S</b> | VDSL2 POTS Splitter Module with VDSL2 Output on Coax with swivel F-connector |

#### DIMENSIONS

Dimensions (height x width x depth): 2.7" x 2.3" x 2.1" (6.9 cm x 5.8 cm x 5.3 cm)



### BIX-5UVS-12

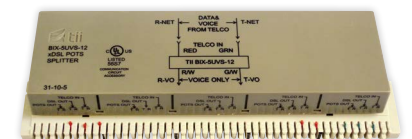
The BIX-5UVS-12 is a 5 pair xDSL POTS splitter for multi-pair xDSL service deployments utilizing BIX mounting rack system. The module incorporates five independent UVS-12 DSL splitter circuits. Each splitter circuit is designed to be installed in series on the telephone line at the customer's premise, providing a filtered POTS line connection for customer use. The BIX-5UVS-12 xDSL POTS Splitter is designed to be used for all DSL services operating up to 30 MHz frequencies.

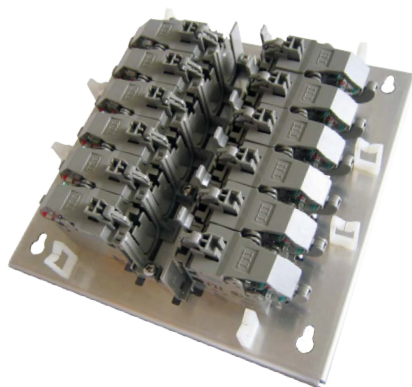
#### ORDERING INFORMATION

| MODEL NO.          | DESCRIPTION                                  |
|--------------------|--|
| <b>BIX-5UVS-12</b> | 5-Pair xDSL POTS Splitter with BIX Connector |

#### DIMENSIONS

Dimensions (height x width x depth): 6.4" x 8" x 4.2" (16.3cm x 20.3 cm x 10.7 cm)





### 712 SERIES – MDU xDSL POTS SPLITTER PANEL

The 712-99S-12 is equipped with 99S Series VDSL2/ADSL2+ POTS Splitter Modules that split the combined voice and data signal carried on telephone lines to provide separate outputs for both phone and data services. The 99S-12 utilizes enhanced circuit components to meet VDSL2/ADSL2+ service for IPTV requirements. The 712 Series Mounting Plate comes equipped with wire guides and retainers to facilitate up to 12 of our 99S-11 or 99S-12 modules.

#### ORDERING INFORMATION

| MODEL NO.            | DESCRIPTION                                     |
|----------------------|---|
| <b>712-99S-11-02</b> | 12 Pair Mounting Plate with (2) 99S-11 Modules  |
| <b>712-99S-11-06</b> | 12 Pair Mounting Plate with (6) 99S-11 Modules  |
| <b>712-99S-11-12</b> | 12 Pair Mounting Plate with (12) 99S-11 Modules |
| <b>712-99S-12-02</b> | 12 Pair Mounting Plate with (2) 99S-12 Modules  |
| <b>712-99S-12-06</b> | 12 Pair Mounting Plate with (6) 99S-12 Modules  |
| <b>712-99S-12-12</b> | 12 Pair Mounting Plate with (12) 99S-12 Modules |
| <b>99S-11</b>        | VDSL/ADSL2+ POTS Splitter with Test Ports       |
| <b>99S-12</b>        | VDSL2 POTS Splitter with Test Ports             |



### 3310D-11 | 3310D-12 – DSL POTS SPLITTER OUTDOOR ANCILLARY DEVICE FOR ADSL2+

The 3310D-11 and 3310D-12 DSL POTS Splitter Outdoor Ancillary Devices split the combined voice and data signal carried on telephone lines to provide separate outputs for both phone and data services. Provides high-bit-rate digital information over telephone subscriber lines. The 3310D-11 utilizes enhanced circuit components to meet ADSL2+ services for IPTV requirements, while the 3310D-12 utilizes enhanced circuit components to meet VDSL/ADSL2+ services for IPTV requirements.

#### ORDERING INFORMATION

| MODEL NO.       | DESCRIPTION  |
|-----------------|--|
| <b>3310D-11</b> | DSL POTS Splitter Outdoor Ancillary Device for ADSL2+ and IPTV Services      |
| <b>3310D-12</b> | DSL POTS Splitter Outdoor Ancillary Device for VDSL/ADSL2+ and IPTV Services |

#### DIMENSIONS

Dimensions (height x width x depth): 6.1" x 3.3" x 2.5" (15.5 cm x 8.4 cm x 6.4 cm)

### ISB – INTERCOM SYSTEM BYPASS

The ISB enables sensitive VDSL2 signals to bypass around telephone and gate entry systems commonly used in apartment buildings and gated communities. The module enables the POTS portion of the Telco's signals to be routed through the entry system and recombined with the pristine DSL signal for transport to the apartment or home, avoiding the severe losses associated with routing the DSL signal through the telephone entry system. The ISB module easily snaps into the ISB-Plate adapter panel.



#### ORDERING INFORMATION

| MODEL NO.  | DESCRIPTION            |
|------------|------------------------|
| ISB MODULE | Intercom System Bypass |

#### DIMENSIONS

Dimensions (height x width x depth): 5.2" x 1.6" x 1.0" (13.2cm x 4.1 cm x 2.5 cm)

### INTERCOM SYSTEM BYPASS (ISB) PLATE

Molded of flame retardant plastic resin and is designed to accommodate up to twelve ISB Modules, the ISB enables sensitive VDSL2 signals to bypass around telephone and gate entry systems commonly used in apartment buildings and gated communities. This module enables the POTS portion of the Telco's signals to be routed through the entry system and recombined with the pristine DSL signal for transport to the apartment or home, avoiding the severe losses associated with routing the DSL signal through the telephone entry system. The ISB module easily snaps into the ISB-Plate adapter panel.



#### ORDERING INFORMATION

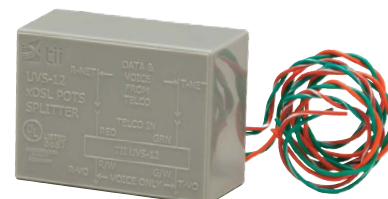
| ISB PLATE | -X | DESCRIPTION  |
|-----------|----|--|
|           | 00 | ISB Plate Adapter Panel                                |
|           | 06 | ISB Plate Adapter Panel Equipped with (6) ISB Modules  |
|           | 12 | ISB Plate Adapter Panel Equipped with (12) ISB Modules |

#### DIMENSIONS

Dimensions (height x width x depth): 5.2" x 1.6" x 1.0" (13.2cm x 4.1 cm x 2.5 cm)

### UVS-12 – xDSL POTS SPLITTER FOR VDSL2/ADSL2+, IPTV SERVICES

The UVS-12 POTS Splitter is a single line unit designed to be installed in series on the telephone line at the customer's premises providing a filtered POTS line connection for customer use. The UVS-12 xDSL POTS Splitter is designed to be used for all DSL services operating up to 30 MHz frequencies.



#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION        |
|-----------|--------------------|
| UVS-12    | xDSL POTS Splitter |

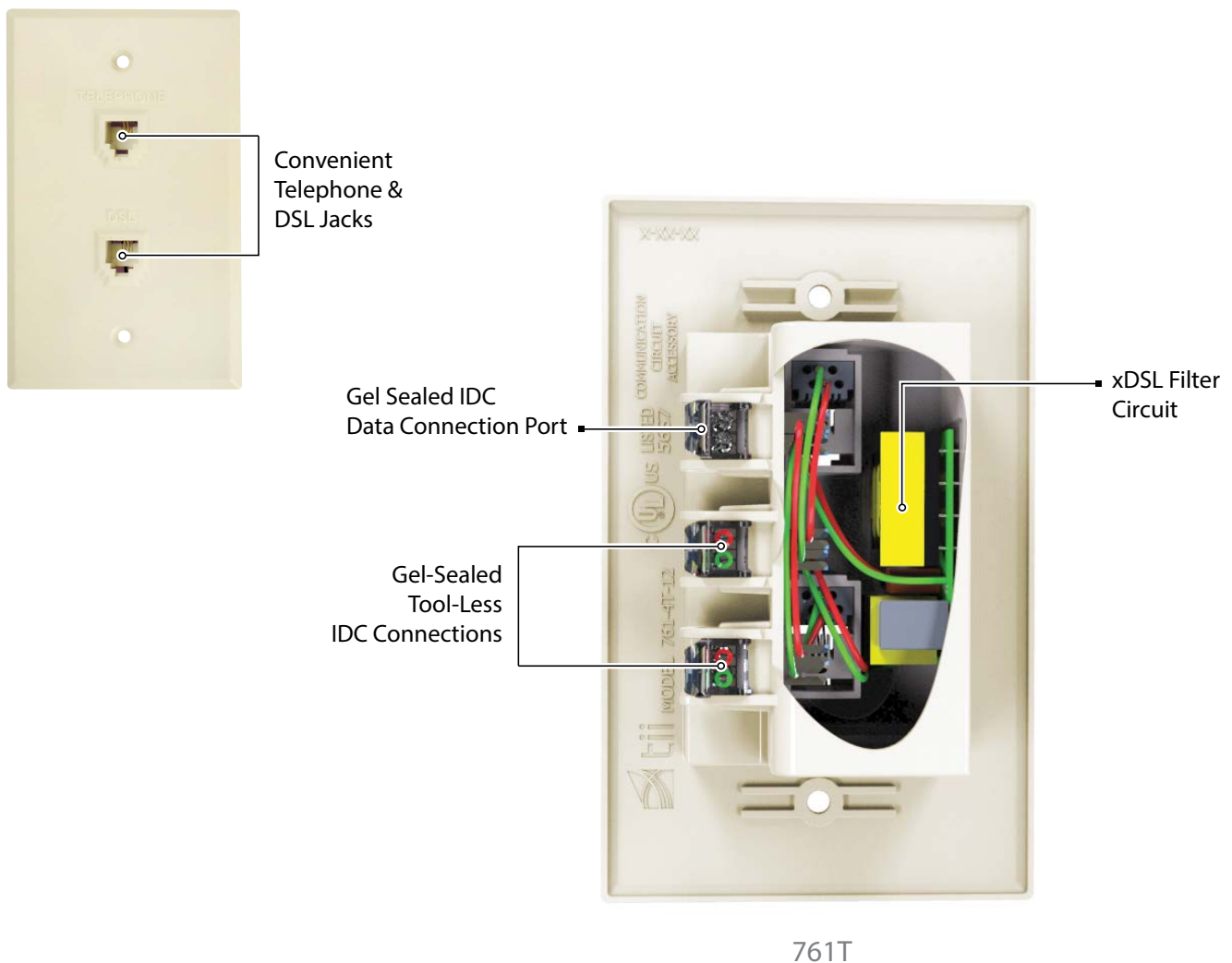
#### DIMENSIONS

Dimensions (height x width x depth): 1.8" x 1.4" x 0.8" (4.6 cm x 3.6 cm x 2.0 cm)



**FEATURES/BENEFITS:**

- The unit's unique design provides customer bridging and DSL POTS splitting in one product.
- The 761-4T-12 is a standard wall plate sized device and can be located at any telephone jack location.
- The splitter design makes it possible to use a single phone line to provide triple play services including VDSL2/ADSL2+ and IPTV.
- Dual conductor gold plated RJ-11 jack for reliable RJ-11 connection.
- Tool-less IDC rocker for telephone wire connections on the back side of the jack plate.
- All contacts are rated for 1.5 Amp max current.
- IDC rockers are gel-filled for long-term reliable connections.
- The Tii wall jack splitter is designed to easily install inside a standard wall mount electrical box.
- The 761-4T-12 comes with an adapter ring which is required for installation in older construction homes where a standard outlet or enclosure is not available.



### 761-4T-12 – FLUSH MOUNT POTS SPLITTER FOR VDSL2/ADSL2+, IPTV SERVICES

The 761-4T-12 Series POTS Splitter splits the combined voice and data signals carried on telephone lines providing separate outputs for both phone and data services. The 761-4T-12 utilizes enhanced circuit components to meet VDSL2/ADSL2+ splitter specifications for advanced data and IPTV deployments.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                           |
|-----------|---------------------------------------|
| 761-4T-12 | VDSL2/ASDL2+ POTS Splitter Wall Plate |

#### DIMENSIONS

Dimensions (height x width x depth): 4.5" x 2.8" x 1.5" (11.4 cm x 7.1 cm x 27.1 cm)



### 761SM-12 – SURFACE MOUNT xDSL FILTER

The 761SM-12 Wall Mount xDSL Filter splits the combined voice and data signals carried on telephone lines providing separate outputs for both phone and data services. The 761SM-12 utilizes Tii's proprietary gel filled IDC rockers for wire terminations. The IDC rockers are color coded for tip and ring wire orientations. Termination of wires is easy as the wires do not need stripping. All one needs is to lift the rocker, straighten ends of the wire, insert and pull the rockers in fully down position.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION               |
|-----------|---------------------------|
| 761SM-12  | Surface Mount xDSL Filter |

#### DIMENSIONS

Dimensions (height x width x depth): 4.8" x 3.5" x 1.0" (12.2 cm x 8.9 cm x 2.5 cm)



### 751-1T-12 – INDOOR xDSL POTS SPLITTER MODULE FOR VDSL2/ADSL2+, IPTV SERVICES

The 751-1T-12 Indoor xDSL POTS Splitter Module splits the combined voice and data signals carried on telephone lines providing separate outputs for both phone and data services. It is designed to be mounted inside the customer premises. RJ jacks or sealed rocker/IDC terminals connect directly to the equipment with data grade cabling. The 751-1T-12 contains Tii's Auto-Jack® test receptacle which disconnects CO signals from customer wiring to facilitate troubleshooting problems.

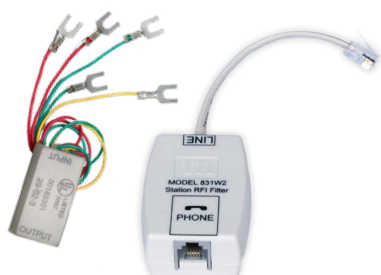
#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 751-1T-12 | xDSL POTS Splitter Module for VDSL2/ADSL2+, IPTV Services with RJ11 Input from Modem |

#### DIMENSIONS

Dimensions (height x width x depth): 2.75" x 2.75" x 1.11" (6.9 cm x 6.9 cm x 2.8 cm)





### 831 SERIES – RADIO FREQUENCY FILTERS

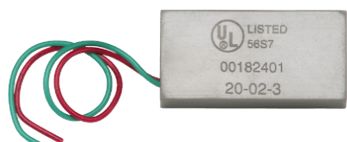
The 831 Series are broadband low-pass filters that eliminate undesirable interference from AM, FM and CB radio signals.

#### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION   |
|--------------|---|
| <b>831E</b>  | RFI Filter in encapsulated shell equipped with 5 leads with #10 Terminal Lugs           |
| <b>831W2</b> | RFI Filter in an indoor housing equipped with Male RJ-11 Plug and Female RJ-11 Jack Out |

#### DIMENSIONS

Dimensions (height x width x depth): 2" x 1.5" x 0.9" (5.1cm x 3.8 cm x 2.3 cm)



### 856E – HALF RINGER

The 856E Half Ringer is designed to be installed in parallel with the phone line at the customer's premises, providing an impedance signature equivalent to half of a normal telephone ringer load.

#### ORDERING INFORMATION

| MODEL NO.   | DESCRIPTION                       |
|-------------|-----------------------------------|
| <b>856E</b> | Half Ringer in Encapsulated Shell |

#### DIMENSIONS

Dimensions (height x width x depth): 1.5" x 0.8" x 0.4" (3.8 cm x 2.0 cm x 1.0 cm)



### EP-IL45 – ETHERNET SURGE PROTECTOR

The EP-IL45 is an in-line ethernet surge protector module specifically designed for high-speed data networks. Its low capacitance balanced solid state surge protection elements provide superior surge protection and its circuit utilizes high energy absorbing solid state surge protection elements.

#### ORDERING INFORMATION

| MODEL NO.      | DESCRIPTION              |
|----------------|--------------------------|
| <b>EP-IL45</b> | Ethernet Surge Protector |

#### DIMENSIONS

Dimensions (height x width x depth): 3" x 1.6" x 0.9" (7.6 cm x 4.1 cm x 2.3 cm)

### 155 & 155-01 – GROUND LUG CONNECTORS

The 155 and 155-01 type Ground Lug Connectors ground the shield of two to six pairs of buried service wires.



#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                  |
|-----------|------------------------------|
| 155       | Ground Lug Connector (Long)  |
| 155-01    | Ground Lug Connector (Short) |

### B1, 322 & 382 – MODULE ADAPTERS

When a station protector is used indoors, it can be mounted without a cover or other enclosure. The Module Adapters are designed to allow Tii's Protector Modules to be mounted in an indoor installation without a protective enclosure. Module Adapters can also be used in a wide variety of Network Interface Housings. The adapter mounts either one or two modules.

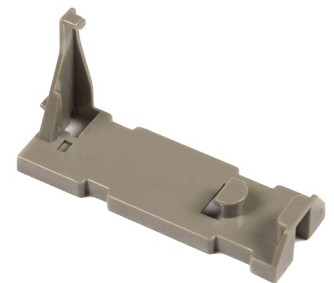


#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                      |
|-----------|----------------------------------|
| B1        | Mounting Adapter                 |
| 322       | Mounting Adapter (for enclosure) |
| 382       | Mounting Adapter                 |

### 9A-00-0 – CUSTOMER BRIDGE MODULE ADAPTER

The 9A Customer Bridge Module Adapter is designed to retrofit customer bridge modules (CBMs) into Corning (CAC) Network Interface Devices.



#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                    |
|-----------|--------------------------------|
| 9A-00-0   | Customer Bridge Module Adapter |

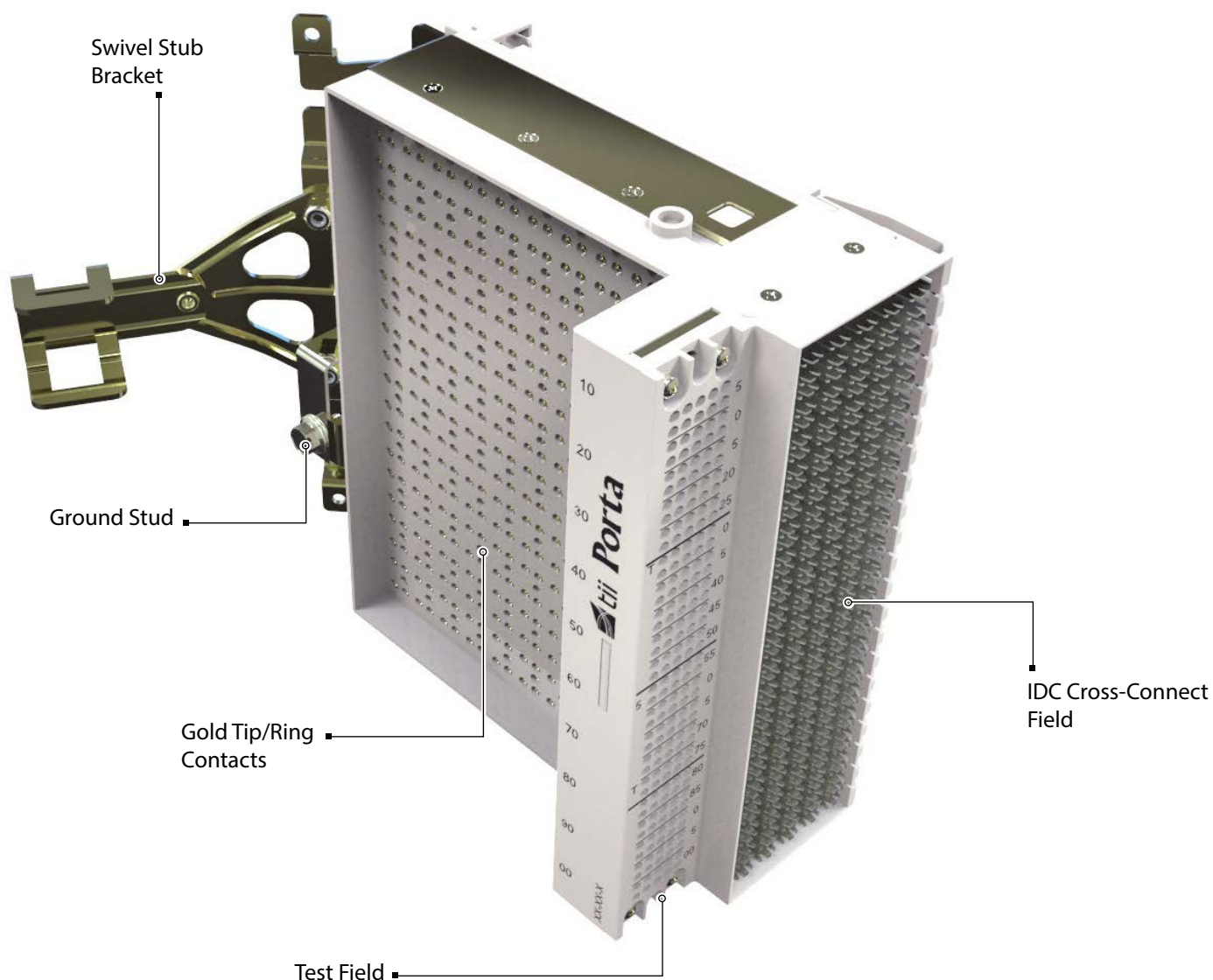
#### DIMENSIONS

Dimensions (height x width x depth): 3" x 1.7" x 0.5" (7.6 cm x 4.3 cm x 1.3 cm)

### FEATURES/BENEFITS:

- 100-pair front facing test field
- Compact design saves space and increases number of protected pairs per frame vertical
- Accepts industry standard 5-pin protector modules
- Gold plated protector module sockets and test field contacts offer superior electrical contact, minimizing noise problems
- Front ground test point offers labor savings and reliability
- Fanning strips allow easy wire management for both field stubbing and cross connection to horizontal blocks bracket
- Cross connect field available with Wire Wrap (WW) or bifurcated Quick Clip (QC)
- Custom stub length

P399-WW





### P399 CONNECTOR BLOCK – WIRE-WRAP & QUICK CLIP

The P399 is a 100-pair connector that utilizes industry standard 5-pin protector modules. The unit is available with either quick-clip or wire-wrap terminations and mounts on conventional central office frames with 8 inch centers.

#### ORDERING INFORMATION

| MODEL NO.                     | PAIR COUNT | DESCRIPTION                                 |
|-------------------------------|------------|---|
| <b>P399-WW</b>                | 100        | Wire-Wrap Terminations                      |
| <b>P399-WW-[24 or 22]-nn*</b> | 100        | Wire-Wrap Terminations and Factory Stubbed  |
| <b>P399-QC</b>                | 100        | Quick-Clip Terminations                     |
| <b>P399-QC-[24 or 22]-nn*</b> | 100        | Quick-Clip Terminations and Factory Stubbed |

\*Factory Stubbed Blocks add "24 or 22" to indicated cable AWG, "-" and length (nn) of cable required in feet.  
(For Example: P399-WW-24-50)

#### DIMENSIONS

Dimensions (height x width x depth): 8.5" x 4.5" x 7.5" (22 cm x 12 cm x 19 cm)



### P310 CONNECTOR BLOCK – WIRE-WRAP

The P310 protects personnel and expensive equipment from damaging electrical surges that may get onto incoming cable lines. The unit has a compact design with straight or angled mounting options.

The P310 is arranged in two 5 by 10 arrays that utilizes industry standard 5-pin protector modules. Custom swivel stub permits field changes between stub up and down.

#### ORDERING INFORMATION

| MODEL NO.                     | PAIR COUNT | DESCRIPTION  |
|-------------------------------|------------|--|
| <b>P310A-WW</b>               | 100        | Wire-Wrap Terminations w/ Angled Bracket           |
| <b>P310-WW</b>                | 100        | Wire-Wrap Terminations w/ Straight Bracket         |
| <b>P310-WW-[24 or 22]-nn*</b> | 100        | Wire-Wrap Terminations and Factory Stubbed         |
| <b>P310-WW310C16IN**</b>      | 100        | Wire-Wrap Terminations and Custom Connectorization |

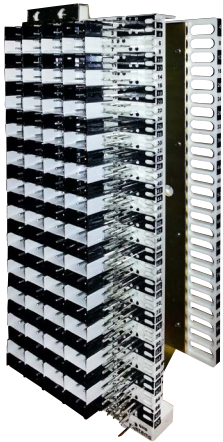
\*Factory Stubbed Blocks add "24 or 22" to indicated cable AWG, "-" and length (nn) of cable required in feet.  
(For Example: P310-WW-24-50)

\*\* Custom cable length and connectors (RJ21, 710, MS2)

#### DIMENSIONS

Dimensions (height x width x depth): 9.3" x 3.5" x 10" (23.7 cm x 8.9 cm x 25.4 cm)





### 503PN 100 PAIR PROTECTOR BLOCK

The 503PN Connector Block features front access for all functions of the block-jumper administration, protector module administration, test field access, and OSP cable termination (optional). The block is designed to terminate outside cable pairs (or exchange equipment) on a main distribution frame. The block terminates 100 pairs.

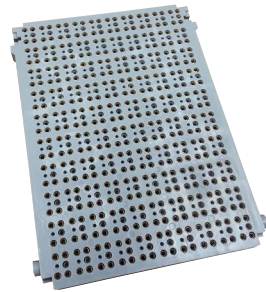
#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 503PN     | 100 Pair, Wire Wrap In/Out, No Cover, Optional Modules |

*\*Factory Stubbed Blocks add "24 or 22" to indicated cable AWG, "x" and length of cable required.  
(For Example: 503PN-24-50)*

#### DIMENSIONS

Dimensions (height x width x depth): 11.73" x 4.31" x 4.55" (29.8 cm x 10.9 cm x 11.6 cm)



### P307 CONNECTOR BLOCK – WIRE-WRAP

The P307 VDSL connector block is a powerful solution for protecting outside plant cables for voice, data, and video signals. It is designed to provide space savings and improved economy. The front face of the P307 VDSL connector block has room for 100 industry standard 5-pin plug in protector units arranged in a 10 x 10 configuration.

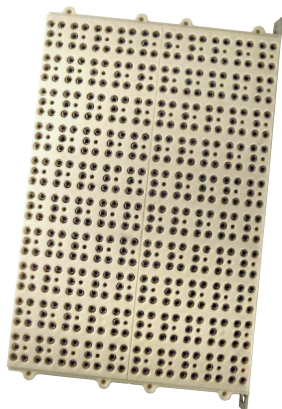
#### ORDERING INFORMATION

| MODEL NO.          | PAIR COUNT | INPUT                                 | OUTPUT                                 |
|--------------------|------------|---------------------------------------|--|
| P307-A             | 100        | Wire Wrap                             | Wire Wrap                              |
| P307-BA40-A        | 100        | 40ft Cat 5e Stub                      | Wire Wrap                              |
| P307-CA(XX)-MA(XX) | 100        | (XX)ft MS2 Connectorized Cat 5e Cable | (XX)ft RJ21 Connectorized Cat 5e Cable |
| P307-EA(XX)-MA(XX) | 100        | (XX)ft 710 Connectorized Cat 5e Cable | (XX)ft RJ21 Connectorized Cat 5e Cable |

*\*\*Custom (CAT5E /CAT3) cable lengths and connector are available*

#### DIMENSIONS

Dimensions (height x width x depth): 8" x 6" x 0.5" (20.3 cm x 15.2 cm x 1.3 cm)



### P250 CONNECTOR BLOCK – VDSL

The P250 VDSL connector block is a powerful solution for protecting outside plant cables for voice, data, and video signals. It is designed to provide space savings and improved economy. The front face of the P250 VDSL connector block has room for 100 industry standard 5-pin plug in protector units arranged in a 10 x 10 configuration.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION          |
|-----------|----------------------|
| P250      | VDSL Connector Block |

*\*Custom (CAT5E /CAT3) cable lengths and connector are available*

#### DIMENSIONS

Dimensions (height x width x depth): 8.24" x 5.90" x 0.89" (20.9 cm x 14.9 cm x 2.3 cm)

### 88 TERMINAL BLOCK – WIRE WRAP TERMINATION

The 88 Equipment Terminal Blocks are used to terminate the exchange equipment pairs on the horizontal side of a conventional main distribution frame (MDF), and provide the cross-connect field for jumpering to the Outside Plant (OSP) vertical side of the frame.

Cat5 compliant for superior transmission of DSL signals and other high frequency circuits.

#### ORDERING INFORMATION

| MODEL NO.      | PAIR COUNT | INPUT                | OUTPUT    |
|----------------|------------|----------------------|-----------|
| <b>88-96</b>   | 96         | Wire Wrap            | Wire Wrap |
| <b>88-100</b>  | 100        | Wire Wrap            | Wire Wrap |
| <b>88-128</b>  | 128        | Wire Wrap            | Wire Wrap |
| <b>88-150</b>  | 150        | Wire Wrap            | Wire Wrap |
| <b>88-192</b>  | 192        | Wire Wrap            | Wire Wrap |
| <b>88-200</b>  | 200        | Wire Wrap            | Wire Wrap |
| <b>88-256</b>  | 256        | Wire Wrap            | Wire Wrap |
| <b>88B-96</b>  | 96         | Bifurcated Wire Wrap | Wire Wrap |
| <b>88B-100</b> | 100        | Bifurcated Wire Wrap | Wire Wrap |
| <b>88B-128</b> | 128        | Bifurcated Wire Wrap | Wire Wrap |

#### DIMENSIONS

Dimensions (height x width x depth): 4.1" x 7.04" x 3.5" (10.4 cm x 20.2 cm x 8.9 cm)



### 88A TERMINAL BLOCK – RJ21/WIRE WRAP TERMINATION

The 88A terminal blocks can be mounted either horizontally or vertically and are equipped with integral fanning strips for accurate pair assignment identification and proper distributing frame jumper dress. For ease of installation, terminal blocks are made to either swivel or snap-on to provide access to equipment cable termination on the rear of the block. Wire terminations are made on either single or bifurcated wire wrap or quick-clip punch-on terminals.

It is also Cat5 compliant for superior transmission of DSL signals and other high frequency circuits.

#### ORDERING INFORMATION

| MODEL NO.         | MODEL NO.         | PAIR COUNT | INPUT                         | OUTPUT               |
|-------------------|-------------------|------------|-------------------------------|----------------------|
| <b>88A-96CF</b>   | <b>88A-96CM</b>   | 96         | 32-Pair RJ21 (Female or Male) | Wire Wrap            |
| <b>88A-100CF</b>  | <b>88A-100CM</b>  | 100        | 25-Pair RJ21 (Female or Male) | Wire Wrap            |
| <b>88A-128CF</b>  | <b>88A-128CM</b>  | 128        | 32-Pair RJ21 (Female or Male) | Wire Wrap            |
| <b>88A-150CF</b>  | <b>88A-150CM</b>  | 150        | 25-Pair RJ21 (Female or Male) | Wire Wrap            |
| <b>88A-192CF</b>  | <b>88A-192CM</b>  | 192        | 32-Pair RJ21 (Female or Male) | Wire Wrap            |
| <b>88A-200CF</b>  | <b>88A-200CM</b>  | 200        | 25-Pair RJ21 (Female or Male) | Wire Wrap            |
| <b>88A-256CF</b>  | <b>88A-256CM</b>  | 256        | 32-Pair RJ21 (Female or Male) | Wire Wrap            |
| <b>88AB-96CF</b>  | <b>88AB-96CM</b>  | 96         | 32-Pair RJ21 (Female or Male) | Bifurcated Wire Wrap |
| <b>88AB-100CF</b> | <b>88AB-100CM</b> | 100        | 25-Pair RJ21 (Female or Male) | Bifurcated Wire Wrap |
| <b>88AB-128CF</b> | <b>88AB-128C</b>  | 128        | 32-Pair RJ21 (Female or Male) | Bifurcated Wire Wrap |

#### DIMENSIONS

Dimensions (height x width x depth): 7.94" x 3.5" x 8.16" (20.2 cm x 8.9 cm x 20.7 cm)





### 88-(XXX)C TERMINAL BLOCKS RJ21/WIRE WRAP TERMINATION

88 Equipment Terminal Blocks are used to terminate the exchange equipment pairs on the horizontal side of a conventional Main Distribution Frame (MDF) and provide the cross-connect field for jumpering to the Outside Plant (OSP) vertical side of the frame. These 96 to 256 pair versions are the highest density available in the market. It is also CAT3 Compliant for superior transmission of DSL signals and other high frequency circuits.

#### ORDERING INFORMATION

| MODEL NO. | PAIR COUNT | INPUT                 | OUTPUT               |
|-----------|------------|-----------------------|----------------------|
| 88-96CF   | 96         | 32-Pair RJ21 (Female) | Wire Wrap            |
| 88-100CF  | 100        | 25-Pair RJ21 (Female) | Wire Wrap            |
| 88-128CF  | 128        | 32-Pair RJ21 (Female) | Wire Wrap            |
| 88-150CF  | 150        | 25-Pair RJ21 (Female) | Wire Wrap            |
| 88-192CF  | 192        | 32-Pair RJ21 (Female) | Wire Wrap            |
| 88-200CF  | 200        | 25-Pair RJ21 (Female) | Wire Wrap            |
| 88-256CF  | 256        | 32-Pair RJ21 (Female) | Wire Wrap            |
| 88B-96CF  | 96         | 32-Pair RJ21 (Female) | Bifurcated Wire Wrap |
| 88B-100CF | 100        | 25-Pair RJ21 (Female) | Bifurcated Wire Wrap |
| 88B-128CF | 128        | 32-Pair RJ21 (Female) | Bifurcated Wire Wrap |
| 88-96CM   | 96         | 32-Pair RJ21 (Male)   | Wire Wrap            |
| 88-100CM  | 100        | 25-Pair RJ21 (Male)   | Wire Wrap            |
| 88-128CM  | 128        | 32-Pair RJ21 (Male)   | Wire Wrap            |
| 88-150CM  | 150        | 25-Pair RJ21 (Male)   | Wire Wrap            |
| 88-192CM  | 192        | 32-Pair RJ21 (Male)   | Wire Wrap            |
| 88-200CM  | 200        | 25-Pair RJ21 (Male)   | Wire Wrap            |
| 88-256CM  | 256        | 32-Pair RJ21 (Male)   | Wire Wrap            |
| 88B-96CM  | 96         | 32-Pair RJ21 (Male)   | Bifurcated Wire Wrap |
| 88B-100CM | 100        | 25-Pair RJ21 (Male)   | Bifurcated Wire Wrap |
| 88B-128CM | 128        | 32-Pair RJ21 (Male)   | Bifurcated Wire Wrap |

#### DIMENSIONS

Dimensions (height x width x depth): 7.94" x 3.5" x 8.16" (20.2 cm x 8.9 cm x 20.7 cm)

### JACK TEST IDC BLOCK

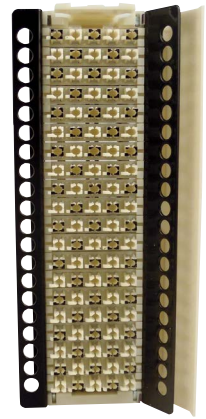
The 100 Pair IDC Cross Connect Block connects the Central Office to the Subscriber Line and is IDC terminated front and back using the 8A Inserter Tool.

### ORDERING INFORMATION

| MODEL NO.       | DESCRIPTION         |
|-----------------|---------------------|
| <b>JT-BLOCK</b> | Jack Test IDC Block |

### DIMENSIONS

Dimensions (height x width x depth): 9.05" x 3.35" x 2.76" (23 cm x 8.5 cm x 7 cm)



### 8A - JACK TEST IDC BLOCK TOOL

Used to terminate the Jack Test IDC Block on the frame both front and back and is the only approved manufactured tool by British Telecom for use on its frames.

### ORDERING INFORMATION

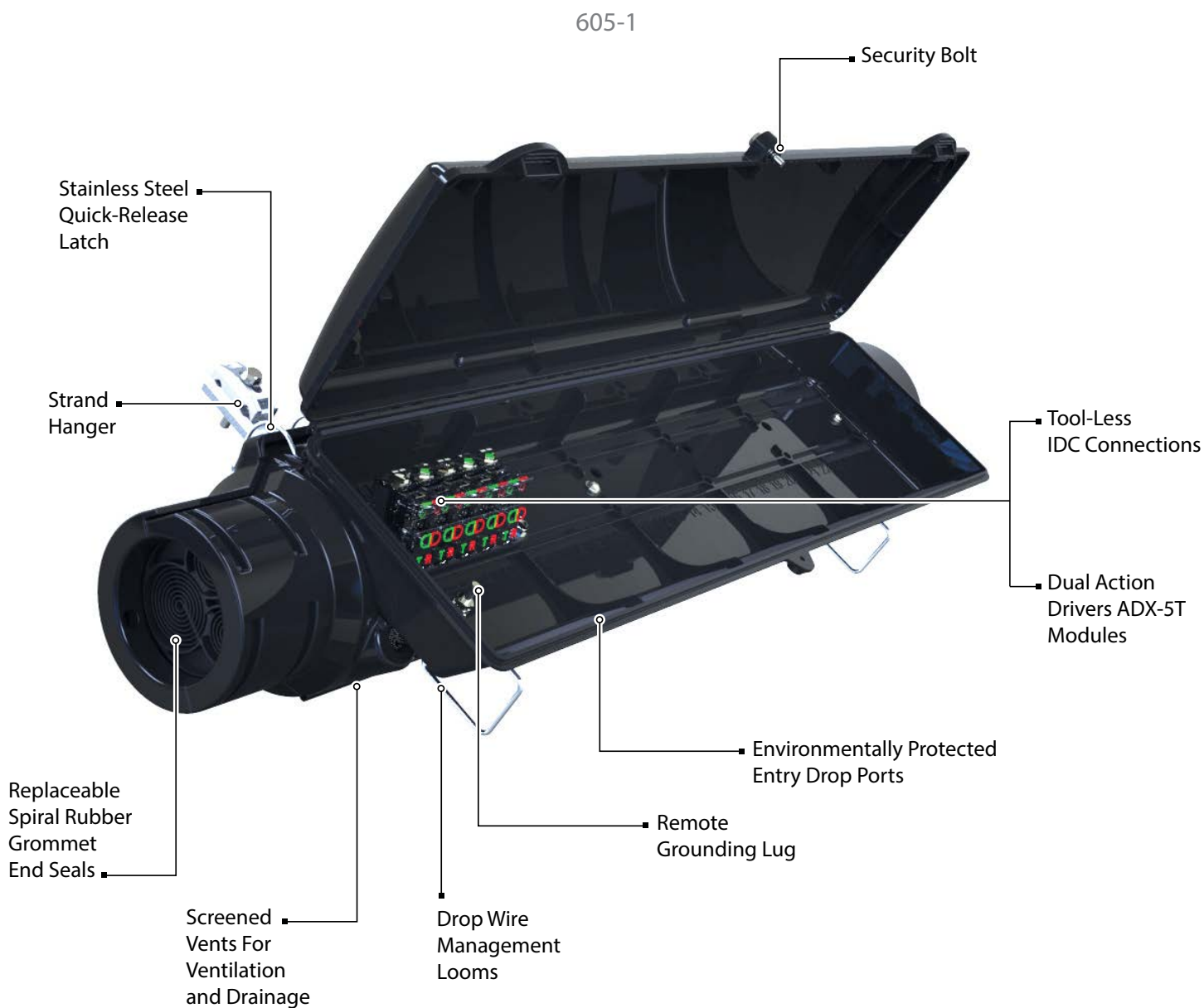
| MODEL NO. | DESCRIPTION              |
|-----------|--------------------------|
| <b>8A</b> | Jack Test IDC Block Tool |





### FEATURES/BENEFITS:

- Breathable Closure Eliminates Moisture Accumulation
- Modular IDC Configuration
- Gel-Sealed Tool-less Rocker - IDC Terminations – Easiest Connection in the Marketplace
- Easy Access Test Points
- Ample Wire Management Room
- Expandable to 25 Pair





### AERIAL TERMINALS

- High density polyethylene protects splices from UV degradation and harsh environments.
- Innovative design permits access to splicing without the removal of the closure or the cable bonding.
- Accommodates straight, butt, and branch splices to non-pressurized communication cables of up to 3.5" (bundle size).
- Screened vents provide ventilation and water drainage.
- Replaceable rubber end seals.
- Convenient ground connection point for shielded or drain wire equipped cables.
- Ample space in terminal for wire management.
- Terminal compartment accommodates up to five Tii ADX-5T Sealed Terminal Blocks. Each block is capable of terminating five conductor pairs.

### ADX-5T GEL-SEALED IDC TERMINAL BLOCKS

- No stripping of wire required prior to termination.
- Gel-Sealed IDC terminations reduce installation time and increase reliability.
- Tool-less rockers speed wire termination. No special tooling required. Guaranteed connection every time.
- Upper wire ports accept 22-24 AWG terminations via tool-less rocker technology. Lower wire ports accept 18.5 and 20 AWG.
- Transparent driver enables verification that conductor pairs are fully inserted prior to termination.
- Angled entry ports for easy access termination.
- Integral sealed test points are easily accessible and hold standard issued test clips securely.

### ORDERING INFORMATION

| MODEL NO.       | DESCRIPTION  |
|-----------------|--|
| <b>605-5</b>    | Terminal Housing with Closure Equipped with Five Tii ADX-5T Five Pair Sealed Terminal Blocks |
| <b>605-50</b>   | Terminal Housing with Closure Equipped with Ten Tii ADX-5T Five Pair Sealed Terminal Blocks  |
| <b>605-2</b>    | Terminal Housing with Closure Equipped with Two Tii ADX-5T Five Pair Sealed Terminal Blocks  |
| <b>ADX-5T</b>   | Five Pair Gel-Sealed Terminal Block  |
| <b>00193501</b> | Special Service RED Marker Tag for ADX-5T  |
| <b>00193601</b> | Replacement Gel-Filled Drivers   |
| <b>00194101</b> | Pair of Replacement Rubber End Seals   |

### DIMENSIONS

Dimensions (height x width x depth): 30.1" x 9.15" x 4.63" (76.5 cm x 23.2cm x 11.8 cm)

MST - MINI SPLICE TERMINAL

The MST Series is a modular aerial terminal designed for 5 or 10 pair applications. It utilizes Tii’s gel-sealed IDC technology for the easiest wire termination in the industry. The unit is constructed of a high density polyethylene to protect splices from UV degradation and harsh environments.



ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| MST-01RG  | Terminal Housing with Closure Equipped with One Tii ADX-5T Five Pair Sealed Terminal Blocks, Rubber Grommets |
| MST-01SG  | Terminal Housing with Closure Equipped with One Tii ADX-5T Five Pair Sealed Terminal Blocks, Spiral Grommets |
| MST-02RG  | Terminal Housing with Closure Equipped with Two Tii ADX-5T Five Pair Sealed Terminal Blocks, Rubber Grommets |
| MST-02SG  | Terminal Housing with Closure Equipped with Two Tii ADX-5T Five Pair Sealed Terminal Blocks, Spiral Grommets |
| ADX-5T    | Five Pair Gel-Sealed Terminal Block  |
| 00193501  | Special Service RED Marker Tag for ADX-5T  |
| 00193601  | Replacement Gel-Filled Drivers   |
| 86005301  | Pair of Replacement Spiral End Seals   |

DIMENSIONS

Dimensions (height x width x depth): 18.44" x 11.02" x 6.69" (46.8 cm x 28cm x 17cm)



### AIC SERIES – AERIAL IN-LINE SPLICE CLOSURE SERIES

The AIC Closure is a single piece aerial closure easily installed in construction or maintenance situations. The one piece construction permits complete splice access after placement without removal of the closure or bonding from the cables. The closures are free breathing and suitable for straight, butt and branch splices of non-pressurized communication cables. Splices are protected by the closure's double-wall molded polyethylene construction. When properly installed, the durable closure will not crack or break, even in harsh environments. All components are attached to the closure so there are no parts to lose.

### ORDERING INFORMATION

| MODEL NO.                               | AIC-050-10 | AIC-100-14 | AIC-200-19 | AIC-200-27 | AIC-400-27 | AIC-600-29 |
|---|------------|------------|------------|------------|------------|------------|
| <b>OUTSIDE TUBE DIMENSIONS (INCHES)</b> | 2.4 x 10   | 3.0 x 14.2 | 3.3 x 19.5 | 3.3 x 27.4 | 4.6 x 27.4 | 5.8 x 29.2 |
| <b>MAXIMUM SPLICE OPENING</b>           | 5.50       | 9.00       | 14.50      | 22.00      | 22.00      | 24.00      |
| <b>MAXIMUM BUNDLE DIAMETER</b>          | 1.60       | 2.10       | 2.20       | 2.20       | 3.30       | 4.50       |
| <b>MIN/MAX END SEAL DIAMETER PORT 1</b> | .25-1.00   | .25-1.20   | .25-1.20   | .25-1.20   | .25-1.80   | .25-2.30   |
| <b>MIN/MAX END SEAL DIAMETER PORT 2</b> | .25-.60    | .25-.80    | .25-.80    | .25-.80    | .25-1.15   | .25-1.60   |
| <b>MIN/MAX END SEAL DIAMETER PORT 3</b> |            | .25-.80    | .25-.80    | .25-.80    | .25-1.15   | .25-1.60   |
| <b>APPROXIMATE 24 AWG PAIR COUNT</b>    | 50 Pairs   | 100 Pairs  | 200 Pairs  | 200 Pairs  | 400 Pairs  | 600 Pairs  |



**507DP PROTECTED OR UNPROTECTED POLE MOUNT TERMINAL**

The 507DP pole or wall mount closure terminal is intended for new construction and rehabilitation, providing mechanical strength, security, and robust environmental protection for drop connections. The product consists of a rugged plastic housing with a mounting bracket designed to fasten to either round or square poles. Inside, a mounting plate can accommodate up to 20 Protection or Connection Modules.

**ORDERING INFORMATION**

| MODEL NO.   | DESCRIPTION                                 |
|-------------|---|
| 507DP-74-10 | Enclosure with 10 AD-01DP Protector Modules |
| 507DP-74-20 | Enclosure with 20 AD-01DP Protector Modules |
| 507DP-86-10 | Enclosure with 10 ADX-DP Protector Modules  |
| 507DP-86-20 | Enclosure with 20 ADX-DP Protector Modules  |

**DIMENSIONS**

Dimensions (height x width x depth): 12.70" x 7.25" x 3.94" (32.3 cm x 18.4cm x 10 cm)



**10 PAIR POLE MOUNT DISTRIBUTION ENCLOSURE**

The TAR10 is constructed of a rugged plastic housing that prevents damage from harsh environmental conditions and includes detachable extension brackets which allow for easy installation on round or square poles.

**ORDERING INFORMATION**

| MODEL NO. | DESCRIPTION                               |
|-----------|---|
| TAR10     | 10 Pair Pole Mount Distribution Enclosure |

**DIMENSIONS**

Dimensions (height x width x depth): 7.48" x 5.91" x 2.60" (18.9 cm x 15.0 cm x 6.6 cm)



### 61 SERIES – CATEGORY 5E TERMINATION BLOCK

The 61 Category 5e Termination Block is designed to accept Ethernet cable pairs without having to pre-terminate an RJ-45 or RJ-11. Converts cable pairs to RJ-45 or RJ-11 male plug end without the need for special tooling. Ideal for Fiber to the Home (FTTH) ONT applications.



#### ORDERING INFORMATION

| MODEL NO.         | DESCRIPTION  | CABLE LENGTH        |
|-------------------|--|---------------------|
| <b>61-1-45A</b>   | 4 Rocker IDC Bridge with One RJ-45 Cable Out Wired per T568A Configuration   | 8.0 +/- 0.25 inches |
| <b>61-1-45B</b>   | 4 Rocker IDC Bridge with One RJ-45 Cable Out Wired per T568B Configuration   | 8.0 +/- 0.25 inches |
| <b>61-2-45C</b>   | 4 Rocker IDC Bridge with Two RJ-45 Cables Out Wired per RJ-48C Configuration   | 8.0 +/- 0.25 inches |
| <b>61-1-11</b>    | 4 Rocker IDC Bridge with One RJ-11 Cable Out Wired per RJ-11 Configuration   | 5.0 +/- 0.25 inches |
| <b>61-1-11-RJ</b> | 4 Rocker IDC Bridge with One RJ-11 Cable Out Wired per RJ-11 Configuration<br>(Available in bulk package only - 320 units)             | 6.0 +/- 0.25 inches |
| <b>61-4-11-2</b>  | 4 Rocker IDC Bridge with Four RJ-11 Cables for Four POTS Lines per RJ-11 Configuration   | 2.5 +/- 0.25 inches |
| <b>61-4-11</b>    | 4 Rocker IDC Bridge with Four RJ-11 Cables for Four POTS Lines per RJ-11 Configuration   | 5.0 +/- 0.25 inches |
| <b>61-4-11-RJ</b> | 4 Rocker IDC Bridge with Four RJ-11 Cables for Four POTS Lines per RJ-11 Configuration<br>(Available in bulk package only - 320 units) | 6.0 +/- 0.25 inches |

#### DIMENSIONS

Dimensions (height x width x depth): 2.77" x 1.32" x 0.99" (7.0 cm x 3.4 cm x 2.5 cm)

### 62 SERIES – CATEGORY 5E TERMINATION BLOCK

The 62 Category 5e Termination Block is designed to accept cable pairs without having to pre-terminate an RJ-11. Converts cable pairs to an RJ-11 male plug end without the need for special tooling. Ideal for Fiber to the home (FTTH) ONT applications.



#### ORDERING INFORMATION

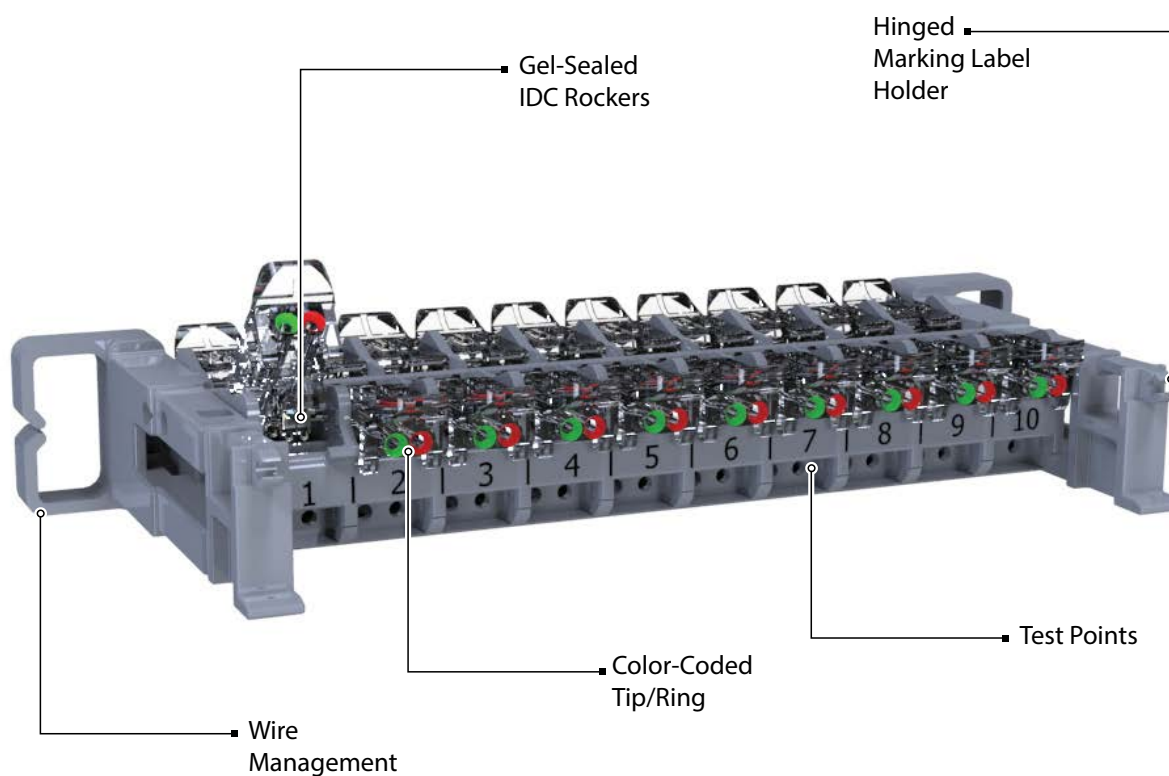
| MODEL NO.        | DESCRIPTION   | CABLE LENGTH         |
|------------------|---|----------------------|
| <b>62-2-11</b>   | 2 Pair, 8 Rocker Stadium Seating IDC Bridge with Two 5.25" RJ-11 Cables   | 5.25 +/- 0.25 inches |
| <b>62-2-11RJ</b> | 2 Pair, 8 Rocker Stadium Seating IDC Bridge with Two 5.25" RJ-11 Cables<br>(Available in bulk package only - 320 units) | 5.25 +/- 0.25 inches |

#### DIMENSIONS

Dimensions (height x width x depth): 2.77" x 1.32" x 0.99" (7.0 cm x 3.4 cm x 2.5 cm)

### FEATURES/BENEFITS:

- Terminations are made to gel-sealed insulation displacement contacts (IDC) by means of convenient tool-less rocker assemblies. Wire stripping is not required.
- Compact, low profile design fits into applications where space is limited.
- Designed for High Speed Networks including VDSL2.
- Gel-sealed terminations make the 65-10 ideal for harsh environments.
- Accepts 26 through 22 gauge solid conductor wire sizes.
- Pair marking is accomplished with 2 standard hinged 10 label holders.
- No tools required.
- Equipped with individual circuit test point.



65-10

### 65-10 – 10-PAIR IDC CONNECTOR BLOCK

Based on the gel and IDC technologies that have made Tii sealed connections the industry standard in network interface products, the 10 Pair IDC block adds a new level of simplicity and efficiency to cross-connect functions. Tool-less, gel-sealed IDCs terminate and lock 22-26 AWG conductors and seals the connection against corrosion.



#### ORDERING INFORMATION

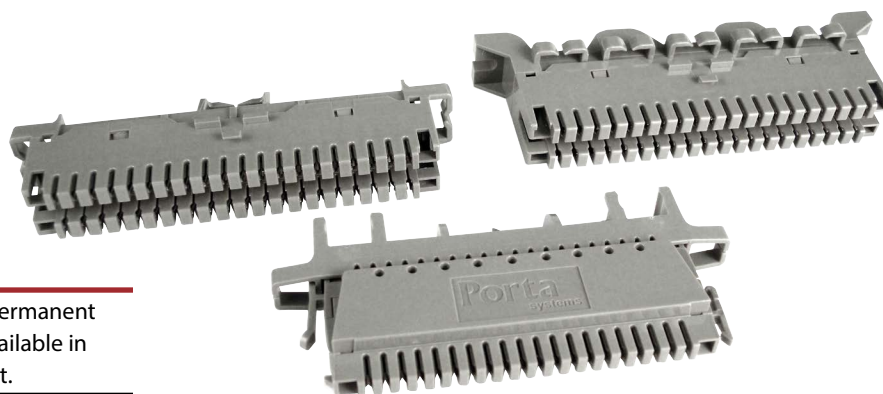
| MODEL NO.       | DESCRIPTION   |
|-----------------|---|
| <b>65-10</b>    | 10 Pair Cross Connect Block, Black Pair ID, Red/Green Tip & Ring                |
| <b>65E-10</b>   | 10 Pair Cross Connect Block, European Color Code ID Ports, Red/Green Tip & Ring |
| <b>65-10TC</b>  | Test Plug and Cord  |
| <b>65-10ML</b>  | 10 Pair Marking ID Label Kit  |
| <b>65-BRK10</b> | 100 Pair Bracket  |

#### DIMENSIONS

Dimensions (height x width x depth): 5.1" x 1.93" x 0.8" (13.0 cm x 4.9 cm x 2.0 cm)

### T10 SERIES – VOICE MODULES

Voice modules consist of two rows of contacts, one for permanent wiring, the other for jumper wires. These modules are available in three basic forms: Switching, Connection and Disconnect.



#### ORDERING INFORMATION

| MODEL NO.         | DESCRIPTION   |
|-------------------|---|
| <b>T10A</b>       | Connection Block with Normally Open (NO) Contact                          |
| <b>T10B</b>       | Connection Block with Permanent Connection (PC) Contact                   |
| <b>T10B-CP</b>    | Connection Block with Normally Closed (NC) Contact                        |
| <b>T10SC</b>      | Compact Connection Block  |
| <b>T10P</b>       | Connection Block with Normally Closed (NC) Contact and Wall Mount Bracket |
| <b>TINI-PEI-R</b> | Solid State Protector Module  |



### DVC-4 SERIES – FOUR LINE DIGITAL VOICE CONNECTOR

The DVC-4, four line digital voice connector distributes EMTA connections to customer's telephone lines through sealed IDC rocker assemblies. The module comes equipped with an RJ-31X jack that provides a series connection to the tip and ring conductors of line one. The jack is wired ahead of all station equipment electrically and is typically used with registered alarm-reporting devices. When an alarm condition occurs, the RJ-31X functions to cut off all station equipment wired into the home or business.

#### ORDERING INFORMATION

| MODEL NO.      | DESCRIPTION                                      |
|----------------|--|
| <b>DVC-4</b>   | Four Line Digital Voice Connector                |
| <b>DVC-4-X</b> | Four Line Digital Voice Connector without RJ-31X |

#### DIMENSIONS

Dimensions (height x width x depth): 3.23" x 3.10" x 1.48" (8.2cm x 7.9 cm x 3.8 cm)



### 160 SERIES – WIRE TERMINAL ENCLOSURE

The 160G Indoor/Outdoor Wire Terminal Enclosure shields one or two Tii Total Failsafe® (TFS®) Protector Modules or other electronic devices from most environmental conditions. It has a mounting base, a flexible grommet and a fitted flange cover that snaps tightly closed.

#### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION   |
|--------------|---|
| <b>160G</b>  | Indoor/Outdoor Enclosure with Grommet                 |
| <b>160GS</b> | Indoor/Outdoor Enclosure with Grommet and Ground Stud |

#### DIMENSIONS

Dimensions (height x width x depth): 4.18" x 3.25" x 1.87" (10.6cm x 8.3 cm x 4.7 cm)



### 163 SERIES – WIRE TERMINAL ENCLOSURES

163 Series Wire Terminal Enclosures are used to connect drop wire and bridle wire for aerial wire drops.

#### ORDERING INFORMATION

| MODEL NO.     | DESCRIPTION   |
|---------------|---|
| <b>163-01</b> | Two-Pair Wire Terminal Box (Four #10 studs for terminating two pairs.)  |
| <b>163-02</b> | Two-Pair Wire Terminal with Ground (Four studs with ground stud for two pair and ground.)                                 |
| <b>163-03</b> | One-Pair Wire Terminal Box (Two #10 studs for terminating one pair.)  |
| <b>163-04</b> | One-Pair Wire Terminal with Ground (Two studs with ground stud for one pair and a ground.)                                |
| <b>163-05</b> | Two-Pair Wire Terminal Box (Four #10 studs with three additional washers and one additional hex nut on each stud/ground.) |

#### DIMENSIONS

Dimensions (height x width x depth): 4.18" x 3.25" x 1.87" (10.6cm x 8.3 cm x 4.7 cm)

### 164-2 – OUTDOOR SEALED WIRE TERMINAL ENCLOSURE

The 164-2 Outdoor Sealed Wire Terminal Enclosure utilizes Tii's gel-sealed Insulation Displacement Contacts (IDCs) to terminate pairs.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 164-2     | Wire Terminal Housing with 2 Pair Inputs, 2 Parallel Pair Outputs Sealed Wire Terminal |

#### DIMENSIONS

Dimensions (height x width x depth): 4.18" x 3.25" x 1.87" (12.4 cm x 8.3 cm x 4.7cm)



### 166 SERIES – WIRE TERMINAL ENCLOSURES

166 Series Wire Terminal Enclosures are used to connect drop wire and bridle wire to cable or open wire.

#### ORDERING INFORMATION

#### BINDING POST WIRE TERMINAL ENCLOSURE

| MODEL NO. | NUMBER OF PAIRS REQUIRED  | GROUND STUD         | HARDWARE  |
|-----------|---------------------------|---------------------|---|
| 166       | -XX                       | -X                  | -X  |
|           | 00 - Empty (No Studs)     | 0 - No Ground Studs | 0 - No Hardware   |
|           | 12 - To Terminate 6 Pairs | 2 - 1 Ground Stud   | 1 - Standard Hardware (3 washers, 1 hex nut)*<br>2 - Additional Hardware (6 washers, 2 hex nuts)*<br>*per stud/ground |

#### WIRE TERMINAL ENCLOSURE EQUIPPED WITH IDC CROSS CONNECT MODULES

| MODEL NO. | CROSS CONNECT MODULE | NUMBER OF MODULES |
|-----------|----------------------|-------------------|
| 166       | -XX                  | -X                |
|           | 88 - ADX-FL-W        | 1 - One           |
|           | 87 - ADX-W           | 2 - Two           |

*Note: Additional configurations are available based on volume requirements.*

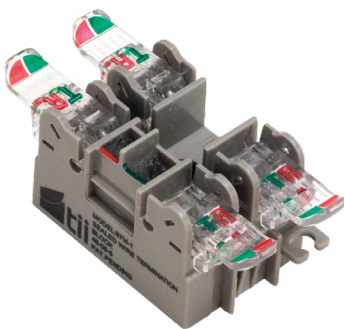
*This enclosure can also be provided with station protection modules installed under module number series 347*

#### DIMENSIONS

Dimensions (height x width x depth): 5.68" x 4.33" x 2.55" (14.4 cm x 11 cm x 6.5 cm)







### 67M SERIES – SEALED WIRE TERMINAL

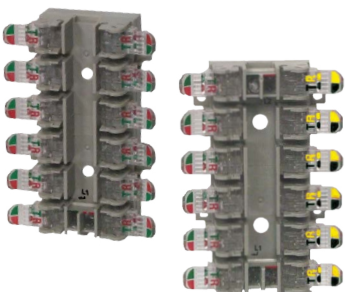
The 67M Series Sealed Wire Terminal is designed for applications requiring more than one parallel connection to a single tip-ring pair. This series of blocks is used in Tii's 168 and 164 Series enclosures.

#### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION   |
|--------------|---|
| <b>67M-1</b> | 1 Pair Input, 3 Parallel Pair Outputs, Sealed Wire Terminal |
| <b>67M-2</b> | 2 Pair Input, 2 Parallel Pair Outputs, Sealed Wire Terminal |

#### DIMENSIONS

Dimensions (height x width x depth): 2.28" x 1.01" x 0.97" (5.8 cm x 2.6 cm x 2.5 cm)



### 68M SERIES – SEALED WIRE TERMINAL

The 68M Series Sealed Wire Terminal is designed for applications requiring more than one parallel connection (extension) to single or two pair service. This series of blocks are used in Tii's 168 and 170 Series enclosures.

#### ORDERING INFORMATION

| MODEL NO.     | DESCRIPTION   |
|---------------|---|
| <b>68M-1</b>  | 1 Pair Input, 11 Parallel Pair Outputs, Sealed Wire Terminal with Integral Sealed Test Points |
| <b>68M-2</b>  | 2 Pair Input, 10 Parallel Pair Outputs, Sealed Wire Terminal with Integral Sealed Test Points |
| <b>68M-2S</b> | Sealed Wire Terminal with Home Security Connections   |

#### DIMENSIONS

Dimensions (height x width x depth): 3.25" x 2.28" x 0.97" (8.3 cm x 5.8 cm x 2.5 cm)



### 69M SERIES – SEALED WIRE TERMINAL

The 69M Series Sealed Wire Terminal is designed for applications requiring more than one parallel connection (extension) to a single or two pair service. This product is an ideal fit for Voice Over Internet Protocol (VoIP) networks. This series of blocks are used in Tii's 168 Series enclosures.

#### ORDERING INFORMATION

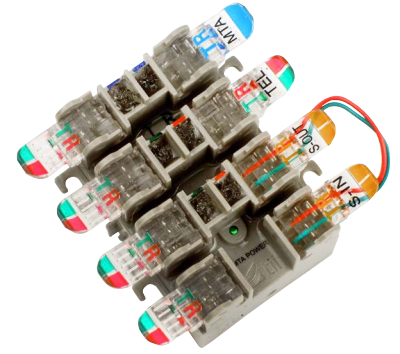
| MODEL NO.     | DESCRIPTION  |
|---------------|--|
| <b>69M-1</b>  | 1 Pair Input, 5 Parallel Pair Outputs, Sealed Wire Terminal with Integral Sealed Test Points               |
| <b>69M-2</b>  | 2 Pair Inputs, 2 Individual 2 Parallel Pair Outputs, Sealed Wire Terminal with Integral Sealed Test Points |
| <b>69M-2S</b> | 1 Pair Input, 3 Parallel Pair Outputs, Sealed Wire Terminal with Home Security Connections                 |

#### DIMENSIONS

Dimensions (height x width x depth): 2.28" x 1.57" x 0.97" (5.8 cm x 4 cm x 2.5 cm)

### SVMWT – SWITCHABLE VOICE MODULE

The Switchable Voice Module (SVMWT) provides seamless switching from Telco service to digital phone service. Available as a single switch module (with reset button) or a two-way switching module, the SVMWT provides a flexible design solution to meet individual customer needs. The SVMWT utilizes gel-sealed insulation displacement terminations that provide reliable all weather connectivity. A flashing green LED indicates EMTA power is connected to the SVMWT.



#### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION  |
|--------------|--|
| <b>SVMWT</b> | 2 Pair Input, 4 Parallel Outputs with Security Connection and Reset Button |

#### DIMENSIONS

Dimensions (height x width x depth): 2.28" x 1.59" x 1.2" (5.8 cm x 4.0 cm x 3.0 cm)

### 168 SERIES – OUTDOOR SEALED WIRE TERMINAL ENCLOSURE

The 168 Series Outdoor Sealed Wire Terminal Enclosure accommodates the 67M-1, 68M Series, 69M Series and SVMWT Sealed Wire Terminals. The 168 Series is designed for applications requiring more than one parallel connection to a single or two pair service. This product is an ideal fit for digital voice networks.



#### ORDERING INFORMATION

| MODEL NO.  | DESCRIPTION             |                         |
|------------|-------------------------|-------------------------|
| <b>168</b> | <b>-XX</b>              | <b>-XX</b>              |
|            | <b>POSITION 1 UPPER</b> | <b>POSITION 2 LOWER</b> |
|            | 00 = no block           | 00 = no block           |
|            | 01 = 67M-1              | 01 = 67M-1              |
|            | 02 = 68M-1*             | 06 = 69M-1              |
|            | 03 = 68M-2*             | 07 = 69M-2              |
|            | 04 = 68M-2S*            | 08 = 69M-2S             |
|            | 05 = 68M-2S-4*          | 09 = SVMWT              |
|            | 06 = 69M-1              |                         |
|            | 07 = 69M-2              |                         |
|            | 08 = 69M-2S             |                         |

\* These components fit into Position 1 only and must be configured as stand alone components.

#### DIMENSIONS

Dimensions (height x width x depth): 6.13" x 4.37" x 2.31" (15.6 cm x 11 cm x 5.9 cm)



### 162 SERIES – OUTDOOR SEALED WIRE TERMINAL ENCLOSURE

The 162T Series Outdoor Sealed Wire Terminal Enclosure accommodates the 69T Series Sealed Wire Terminal. The 69T Series is designed for applications requiring more than one parallel connection to a single or two pair service. This product is an ideal fit for Voice Over Internet Protocol (VoIP) networks.

#### ORDERING INFORMATION

| MODEL NO.     | DESCRIPTION   |
|---------------|---|
| <b>162T-1</b> | Wire Terminal Housing Equipped with 1 69T-1, 1 Pair Input, 5 Parallel Pair Outputs Sealed Wire Terminal with Integral Sealed Test Points  |
| <b>162T-2</b> | Wire Terminal Housing Equipped with 1 69T-2, 2 Pair Inputs, 4 Parallel Pair Outputs Sealed Wire Terminal with Integral Sealed Test Points |

Dimensions (height x width x depth): 4.18" x 3.25" x 1.87 (10.6 cm x 8.3 cm x 4.7 cm)



### 751B - SURFACE MOUNT GEL-SEALED TELEPHONE JACK

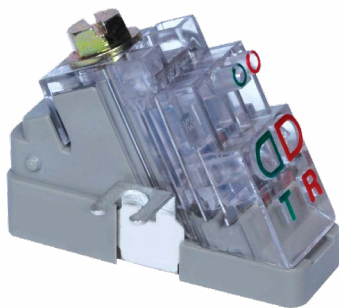
The 751B is a single line, indoor gel-sealed unit ideally suited for indoor telephone connections or demarcation applications. The 751B is compact and may be mounted to any suitable flat surface.

#### ORDERING INFORMATION

| MODEL NO.   | DESCRIPTION                         |
|-------------|-------------------------------------|
| <b>751B</b> | Surface Mount Gel-Sealed Phone Jack |

#### DIMENSIONS

Dimensions (height x width x depth): 2.17" x 1.97" x 0.88" (5.5 cm x 5.0 cm x 2.2 cm)



### ADX-FL-W | ADX-W – SEALED CROSS-CONNECT FUSE LINK MODULE

The Angle Driver® ADX-FL-W Cross-Connect Fuse Link Module provides a convenient fuse link with sealed IDC terminations in a standard 355/356 station protector footprint.

ADX-FL-W serves as the fusing element when used in conjunction with primary surge protectors at the customer premises. The National Electrical Codes require use of a fusing element on all currents greater than the current carrying capacity of the primary protector, the associated insulated conductors and the primary protector's grounding conductor.

#### ORDERING INFORMATION

| MODEL NO.       | DESCRIPTION  |
|-----------------|--|
| <b>ADX-FL-W</b> | Sealed Cross-Connect Fuse Link Module With Snap-Off Ground Tab   |
| <b>ADX-W</b>    | Sealed Unprotected Cross-Connect Module With Snap-Off Ground Tab |

#### DIMENSIONS

Dimensions (height x width x depth): 2.27" x 1.69" x 0.74" (5.8 cm x 4.3 cm x 1.9 cm)

### 68M-1-1T | 68M-2-1T | 68M-12-1T – SEALED WIRE TERMINAL WITH RJ-11 TAIL/ CONNECTOR

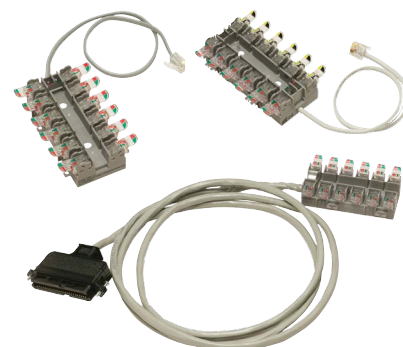
The 68M Tailed Sealed Wire Terminal Blocks are designed for applications requiring more than one parallel connection (extension) to a single or two pair service.

#### ORDERING INFORMATION

| MODEL NO.        | DESCRIPTION   |
|------------------|---|
| <b>68M-1-1T</b>  | RJ-11 Pair Input, 12 Parallel Pair Outputs, Sealed Wire Terminal with Integral Sealed Test Ports    |
| <b>68M-2-1T</b>  | RJ-11 Input, 6 Parallel Pair Outputs Per Line, Sealed Wire Terminal with Integral Sealed Test Ports |
| <b>68M-12-1T</b> | RJ-21 Pair Input, 12 Pair IDC Outputs, Sealed Wire Terminal with Integral Sealed Test Ports         |

#### DIMENSIONS

Dimensions (height x width x depth): 4.18" x 2.28" x 0.9" (8.3 cm x 5.8 cm x 2.5 cm)



### 68M-12-C04 - TWELVE-LINE SEALED WIRE TERMINAL

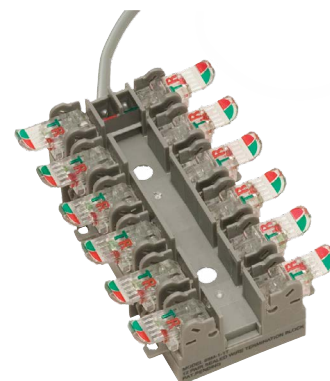
The 68M-12-C04 Sealed Wire Terminal is designed for applications requiring 12 pair output with 24 AWG cable.

#### ORDERING INFORMATION

| MODEL NO.         | DESCRIPTION  |
|-------------------|--|
| <b>68M-12-C04</b> | 12 Pair IDC Output Sealed Wire Terminal with 4' Cat3 24 AWG Outdoor Stub |

#### DIMENSIONS

Dimensions (height x width x depth): 3.25" x 2.28" x 0.9" (8.3 cm x 5.8 cm x 2.5 cm)



### WTB-025-C04 - TWENTY-FIVE LINE SEALED WIRE TERMINAL

The WTB-025-C04 Sealed Wire Terminal is designed for applications requiring 25 pair output with 24 AWG cable.

#### ORDERING INFORMATION

| MODEL NO.          | DESCRIPTION  |
|--------------------|--|
| <b>WTB-025-C04</b> | 25 Pair IDC Output Sealed Wire Terminal Block with 4' Cat3 24 AWG Outdoor Stub |

#### DIMENSIONS

Dimensions (height x width x depth): 6.96" x 3.55" x 1.78" (17.7 cm x 9.0 cm x 4.5 cm)





### 761T SERIES – FLUSH MOUNT INDOOR PHONE JACK PLATE

The 761 Series flush mount indoor phone jack plate is designed to provide convenient RJ-11 connectivity with IDC termination in the back. The 761 series utilizes Tii's proprietary gel filled IDC rockers for wire terminations. The IDC rockers are color coded for tip and ring wire orientations. Termination of wires is easy as the wires do not need stripping. Simply lift the rocker, straighten the ends of the wire, insert and pull the rockers in fully down position. This wall plate is used primarily for Telco applications.

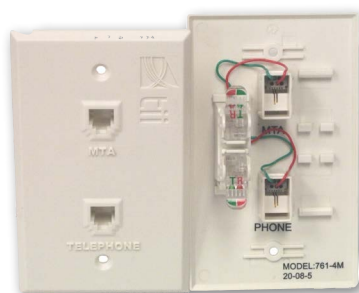
#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 761( )-1T | Wall Plate with a Single RJ-11 Jack and a Single Rocker Assembly |
| 761( )-2T | Wall Plate with a Single RJ-11 Jack and a Dual Rocker Assembly   |
| 761( )-3T | Wall Plate with Dual RJ-11 Jacks and a Single Rocker Assembly    |
| 761( )-4T | Wall Plate with Dual RJ-11 Jacks and a Dual Rocker Assembly      |
| 761( )-5T | Wall Plate with Dual RJ-11 Jacks and 2 Single Rocker Assemblies  |
| 761( )-6T | Wall Plate with Dual RJ-11 Jacks and 2 Dual Rocker Assemblies    |
| 761-1T-14 | Wall Plate with Single RJ-14 Jack and 2 Single Rocker Assemblies |

Optional: Insert "S" in place of ( ) for Sealed RJ-11 Jack

#### DIMENSIONS

Dimensions (height x width x depth): 4.52" x 2.78" x 1.28" (11.5 cm x 7.0 cm x 3.3 cm)



### 761M SERIES – FLUSH MOUNT INDOOR PHONE JACK PLATE

The 761 Series flush mount indoor phone jack plate is designed to provide convenient RJ-11 connectivity with IDC termination in the back. The 761 Series utilizes our proprietary gel filled IDC rockers for wire terminations. The IDC rockers are color coded for tip and ring wire orientations. Termination of wires is easy, as the wires do not need stripping. Simply lift the rocker, straighten the ends of the wire, insert and pull the rockers in fully down position. This wall plate is used primarily for MSO applications.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION   |
|-----------|---|
| 761( )-1M | Wall Plate with a Single RJ-11 Jack and a Single Rocker Assembly  |
| 761( )-2M | Wall Plate with a Single RJ-11 Jack and a Double Rocker Assembly  |
| 761( )-3M | Wall Plate with Double RJ-11 Jacks and a Single Rocker Assembly   |
| 761( )-4M | Wall Plate with Double RJ-11 Jacks and a Double Rocker Assembly   |
| 761( )-5M | Wall Plate with Double RJ-11 Jacks and 2 Single Rocker Assemblies |
| 761( )-6M | Wall Plate with Double RJ-11 Jacks and 2 Double Rocker Assemblies |

Optional: Insert "S" in place of ( ) for Sealed RJ-11 Jack

#### DIMENSIONS

Dimensions (height x width x depth): 4.52" x 2.78" x 1.28" (11.5 cm x 7.0 cm x 3.3 cm)



## 761SM

The 761SM Surface Mount Wall Jack is designed to provide convenient RJ-11 connectivity with IDC termination in the back. The 761SM utilizes Tii's proprietary gel filled IDC rockers for wire terminations. The IDC rockers are color coded for tip and ring wire orientations. Termination of wires is easy as the wires do not need stripping. All one needs is to lift the rocker, straighten ends of the wire, insert and pull the rockers in fully down position.

### ORDERING INFORMATION

| MODEL NO.    | DESCRIPTION             |
|--------------|-------------------------|
| <b>761SM</b> | Surface Mount Wall Jack |

### DIMENSIONS

Dimensions (height x width x depth): 4.8" x 3.5" x 1.0" (12.2cm x 8.9 cm x 2.5 cm)

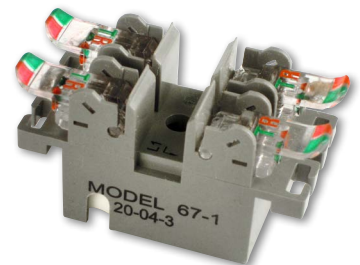


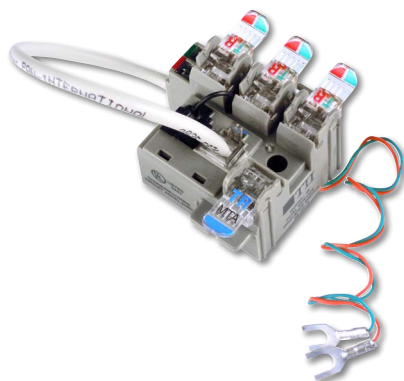
## 67 – SEALED WIRE TERMINAL

The 67 Series Sealed Wire Terminal is designed for applications requiring more than one parallel connection to a single tip-ring pair. The 67 offers one or more outputs to each single pair input.

### ORDERING INFORMATION

| MODEL NO.      | DESCRIPTION   |
|----------------|---|
| <b>67-1</b>    | 1 Pair Input, 3 Parallel Pair Outputs, Sealed Wire Terminal                   |
| <b>67-2</b>    | 2 Pair Inputs, 2 Parallel Pair Outputs, Sealed Wire Terminal                  |
| <b>67-2-18</b> | 2 Pair Inputs, 2 Parallel Pair Outputs, Sealed Wire Terminal with 18" Pigtail |



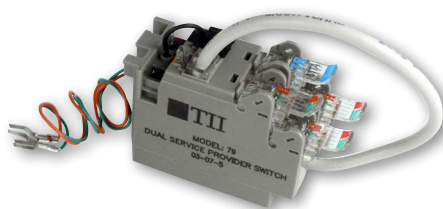


## 78 – DUAL SERVICE PROVIDER SWITCH

The 78 is designed for applications requiring more than one service provider which requires a connection to a single tip-ring pair. The 78 offers multiple outputs for the customer premises telephone wire termination.

### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                  |
|-----------|------------------------------|
| 78        | Dual Service Provider Switch |



## 79 – DUAL SERVICE PROVIDER SWITCH

The 79 is designed for applications requiring more than one service provider which requires a connection to a single tip-ring pair. The 79 offers multiple outputs for customer premises telephone wire terminations.

### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION  |
|-----------|--|
| 79        | Dual Service Provider Switch – For Network Interface Device (NID) Installation |



## SVM-1R-P – INDOOR SWITCHABLE VOICE MODULE

The Switchable Voice Module (SVM) provides seamless switching from Telco service to digital phone service. A flashing green LED indicates EMTA power is connected to the SVM.

### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                                    |
|-----------|--|
| SVM-1R-P  | Indoor Switchable Voice Module with Protection |

## SVM-2-P | SVM-4-P – MULTI-LINE SWITCHABLE VOICE MODULE

The Switchable Voice Module (SVM) provides seamless switching from Telco service to digital phone service. The second ringing voltage appearance on the digital phone service initiates the switch over. The SVM utilizes gel-sealed insulation displacement terminations that provide reliable all weather connectivity.

These Multiple Dwelling Unit SVMs can be ordered in a 2 and 4 line configuration.



### ORDERING INFORMATION

| SVM - | -X            | -X                       |
|-------|---------------|--------------------------|
|       | 2 = Two Line  | P = Secondary Protection |
|       | 4 = Four Line |                          |

## VIS SERIES – VOICE INTERCOM SWITCH WITH PORTING SWITCH

VIS Series Voice Intercom Switches provide number porting and seamless connection of customer premise telephones to either a digital voice service or to door answering systems (DAS)/intercom calls in multiple dwelling units (MDUs).

### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION   |
|-----------|---|
| VIS-2     | Voice Intercom Switch, Pins 2 and 3 are Intercom Inputs with Telephone Outputs and Intercom Inputs on Pins 1 and 4 of Intercom Jack |
| VIS-3     | Voice Intercom Switch with Intercom Default on Power Loss   |
| VIS-4     | Voice Intercom Switch with Dial Down Feature and Intercom Default on Power Loss   |

### DIMENSIONS

Dimensions (height x width x depth): 3.0" x 2.53" x 1.17" (7.6 cm x 6.4 cm x 3.0 cm)





### 170 SERIES – OUTDOOR SEALED WIRE TERMINAL ENCLOSURE

The 170 Series Outdoor Sealed Wire Terminal Enclosure is a versatile outdoor housing, designed and tested to the industry's most stringent environmental standards. The 170 is specifically designed to accommodate two separate 68M or SVM Series modules in the upper or lower positions of the enclosure. Featuring snap in retaining tabs, this flexible design offers the customer the ability to order the 170 in multiple configurations.

#### ORDERING INFORMATION

| 170 | -XX          | -XX          |
|-----|--------------|--------------|
|     | POSITION 1   | POSITION 2   |
|     | 00 No Block  | 00 No Block  |
|     | 01 68M-1     | 01 68M-1     |
|     | 02 68M-2     | 02 68M-2     |
|     | 03 68M-2S    | 03 68M-2S    |
|     | 04 68M-2S-4  | 04 68M-2S-4  |
|     | 05 68-6      | 05 68-6      |
|     | 06 SVMWT     | 06 SVMWT     |
|     | 08 SVM-1-0-2 | 08 SVM-1-0-2 |
|     | 09 SVM-1-P-2 | 09 SVM-1-P-2 |
|     | 10 SVM-2-0   | 10 SVM-2-0   |
|     | 11 SVM-2-P   | 11 SVM-2-P   |

#### DIMENSIONS

Dimensions (height x width x depth): 10.22" x 5.64" x 2.73" (26.0 cm x 14.3 cm x 6.9 cm)



### SVWJ – SWITCHABLE VOICE WALL JACK

The SVWJ is a circuit that provides seamless switching from Telco service to digital phone service. The second ringing voltage appearance on the digital phone service initiates the switch over. The SVWJ utilizes gel-sealed insulation displacement terminations that provide reliable connectivity.

#### ORDERING INFORMATION

| MODEL NO. | DESCRIPTION                           |
|-----------|---------------------------------------|
| SVWJ      | Switchable Voice NID - MDU Wall Plate |

#### DIMENSIONS

Dimensions (height x width x depth): 3.25" x 2.77" x 1.81" (8.3 cm x 7.0 cm x 4.6 cm)

|   |       |
|---|-------|
| 169F                                    | 16    |
| 506F                                    | 16    |
| 507F                                    | 16    |
| Adapter Plates                          | 29    |
| Attenuators                             | 39    |
| Data Center Products                    | 26    |
| Data Center Distribution Panels         | 27    |
| Duplex Jumpers                          | 31    |
| CCP Series Distribution Enclosures      | 19    |
| FAT Series                              | 16    |
| Fiber Distribution Hubs (FDH)           | 17    |
| Fiber Distribution Terminals (FDT)      | 18    |
| Fiber Entrance Terminals (FET)          | 14-15 |
| Fiber Installation Tool (FIT)           | 38    |
| Fiber Splice Dome Enclosures (FSD/FTTA) | 41    |
| Fiber Splice Tray (FST)                 | 38    |
| Fiber Upgradeable BET                   | 42    |
| IBC Cleaners                            | 39    |
| Loop Back                               | 38    |
| MAMU Series                             | 25    |
| MDU Drop Cables                         | 34    |
| Modular Protector Panels (MPP)          | 28    |
| ONT Accessories                         | 37    |
| ODTR Launch Box                         | 39    |
| Patch Cords/Custom Fiber Assemblies     | 32-34 |
| Pigtails                                | 35    |
| Rackmount Distribution Panels           | 22    |
| Rackmount Brackets                      | 23    |
| Simplex Jumpers                         | 30    |
| Splice Sleeves                          | 38    |
| Splitters (FSC/PLC)                     | 36    |
| Slim Patch                              | 18    |
| Stubbed Housings                        | 23    |
| Test Equipment                          | 40    |
| TSL Patch Splice Enclosures             | 24    |
| Wallmount Distribution Enclosures       | 20    |
| Wallmount Splice Enclosures (WSE)       | 21    |

|                                |       |
|--------------------------------|-------|
| 9A-00-0                        | 91    |
| 24 Series BET                  | 42-44 |
| 25 Series BET                  | 45-46 |
| 26 Series BET                  | 47    |
| XL BET                         | 48    |
| 61 Series                      | 103   |
| 62 Series                      | 103   |
| 65-10                          | 105   |
| 67                             | 113   |
| 67M Series                     | 108   |
| 68M Series                     | 108   |
| 68M-1-1T                       | 111   |
| 68M-2-1T                       | 111   |
| 68M-12-1T                      | 111   |
| 68M-12-C04                     | 111   |
| 69M Series                     | 108   |
| 78                             | 114   |
| 79                             | 114   |
| 80-100, 80-200, 80-400, 80-500 | 84    |
| 80-410V                        | 84    |
| 83                             | 60    |
| 88 Blocks                      | 95-96 |
| 90 Series                      | 60    |
| 95 Series                      | 61    |
| 95S Series                     | 61    |
| 95S-1-10, 95S-1-12             | 83    |
| 97FB-S                         | 85    |
| 98                             | 64    |
| 117S                           | 77    |
| 122                            | 73    |
| 126                            | 73    |
| 150C                           | 77    |
| 155, 155-01                    | 91    |
| 160                            | 106   |
| 162 Series                     | 110   |
| 163                            | 106   |
| 164-2                          | 107   |
| 166                            | 107   |
| 168 Series                     | 109   |
| 170                            | 116   |

|  |       |
|--|-------|
| 202  | 64    |
| 210 Series                                 | 63    |
| 210 BNC                                    | 63    |
| 212  | 63    |
| 231  | 63    |
| 312 Series                                 | 80    |
| 315  | 78    |
| 320, 321, 325, 326                         | 78    |
| 322  | 91    |
| 344, 345, 348, 349                         | 79    |
| 347 Series                                 | 80    |
| 355M Series                                | 73    |
| 356  | 74    |
| 356M3                                      | 74    |
| 356-11-00                                  | 74    |
| 362M                                       | 75    |
| 366  | 75    |
| 372-S2                                     | 75    |
| 372S-12LP                                  | 85    |
| 382  | 91    |
| 442, 442C, 442CGT, 442CSE                  | 37    |
| 503PN                                      | 94    |
| 504  | 52    |
| 505 Series                                 | 51    |
| 506, 512, 525                              | 65    |
| 507DP                                      | 102   |
| 530, 531, 536, 539                         | 81    |
| 581  | 65    |
| 605 Series                                 | 99    |
| 606 Series                                 | 51    |
| 706  | 64    |
| 712  | 86    |
| 751 Series                                 | 58    |
| 751-1T-12                                  | 89    |
| 751B                                       | 110   |
| 758Z                                       | 59    |
| 761M Series                                | 112   |
| 761SM-12                                   | 113   |
| 761T Series                                | 112   |
| 761-4T-12                                  | 89    |
| 763  | 58    |
| 831 Series                                 | 90    |
| 856E                                       | 90    |
| 1504, 1581                                 | 65    |
| 1506, 1512, 1525                           | 65    |
| 3310D                                      | 86    |
| 3600 Series                                | 53    |
| 3700 Series                                | 54    |
| 3800 Series                                | 57    |
| 5100 Series                                | 55    |
| 8925 Series                                | 57    |
| 9600 Series                                | 56    |
| AD-01W-LP                                  | 77    |
| ADX-FL-W, ADX-W                            | 110   |
| AIC Series                                 | 101   |
| B1   | 91    |
| BIX-5UVS-12                                | 85    |
| DVC-4                                      | 106   |
| EMC-240B                                   | 72    |
| EP-IL45                                    | 90    |
| IF006PF                                    | 72    |
| Indoor Fixed BETs                          | 49    |
| Intercom System Bypass (ISB)               | 87    |
| ISB Plate                                  | 87    |
| Jack Test Block, Tool                      | 97    |
| MST Series                                 | 100   |
| Outdoor Fixed BETs                         | 50    |
| P250                                       | 94    |
| P307                                       | 94    |
| P310                                       | 93    |
| P399                                       | 93    |
| Protector Modules (Gas Tube & Solid State) | 66-70 |
| Rackmount Protector Panels                 | 71    |
| RTK  | 59    |
| SCT-A                                      | 84    |
| SVM-1R-P                                   | 114   |
| SVM-2-P                                    | 115   |
| SVM-4-P                                    | 115   |
| SVWJ                                       | 116   |
| T10 Series                                 | 105   |
| TAR10                                      | 102   |
| UVS-12                                     | 87    |
| Voice Intercom Switches (VIS Series)       | 115   |
| WTB-025-C04                                | 111   |



- » Industry Leader with 50 Years Experience
- » World Class Manufacturing Infrastructure
- » State-of-the-art Technology
- » Global Distribution Network


**Tii Technologies Inc.**

*Corporate Headquarters:*

141 Rodeo Drive  
Edgewood, NY 11717  
Phone: 631.789.5000  
Fax: 631.789.5063  
Toll Free: 888.844.4720  
sales@tiitech.com  
[www.tiitech.com](http://www.tiitech.com)

*Locations:*

South March  
Long March Industrial Estate  
Daventry, NN11 4PH, UK  
Phone: +44 (0) 1327 301853  
Fax: +44 (0) 1327 879532  
sales@tiitech.co.uk  
[www.tiitech.co.uk](http://www.tiitech.co.uk)

Av. José de Escandón y Helguera  
No. 21 Ciudad Industrial  
Matamoros, Tamaulipas  
C.P. 87494, México  
Phone: 868.812.8011  
Fax: 868.812.8025  
salesmx@tiitech.com.mx  
[www.tiitech.com.mx](http://www.tiitech.com.mx)

5103 Pegasus Court, Suite H  
Frederick, MD 21704  
Phone: 631.789.5000  
Fax: 631.789.5063  
Toll Free: 888.844.4720

Xincheng Industrial Zone  
Hengli Town,  
Dongguan City,  
Guangdong Province, PRC