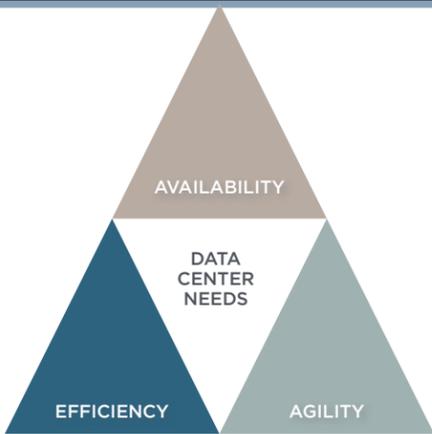# Data Center Solutions

TE Connectivity (TE) jointly develops solutions with many of the world's leading data center equipment manufacturers. This, combined with global reach and innovative managed connectivity technology, puts us in a unique position to help our customers deliver on their business requirements by creating a *resilient, efficient* and *agile* data center infrastructure.

AGILITY. Networks constantly change and grow. Our Storage Area Management Solution (SAM) and Q3000 high-density fiber solutions can help ensure successful network upgrades and implementations with maximum ease and control.

AVAILABILITY. TE's managed connectivity solutions, Quareo connection point identification technology, can help increase uptime, resilience and service continuity by delivering an automated, real-time understanding of end-to-end network connectivity.

EFFICIENCY. Our energy saving MRJ21 cabling system, along with industry-leading high density cable management solutions like our FiberGuide™ optical raceway, can help ensure stringent CAPEX and OPEX control.

All of the top 5 global electronics OEMs for routers, switches, servers and storage use TE Connectivity interconnect

- TE is a supplier of choice for the top ten largest telecom equipment manufacturers
- TE is the world's largest provider of fiber optic connectors
- TE helps customers reduce total costs through products that are more intelligent and easier to install

The Data Center
A Full Enterprise Product Offering from TE Connectivity

Accu-Tech
We're Known by the Companies We Keep

For more information, please contact us at www.accu-tech.com/contact-accu-tech/

TE connectivity

Accu-Tech
We're Known by the Companies We Keep

TE connectivity

Entrance Facility

Main Distribution Area (MDA)

Horizontal and Equipment Distribution Area

(1) Splice Frame

OMX600

- 1440 single fiber splices
- 8640 ribbon fiber splices
- 600 x 300mm (24 x 12in) footprint

(2) Optical Raceway

FiberGuide

- The most flexible, robust, and complete system in the industry
- Organizes and maintains fibers for better management and long-term reliability
- Available in 2x2, 2x6, 4x4, 4x6, 4x12 and 4x24 dimensions

(3) Termination/Splice Fiber Panel

FL1000 Fiber Optic Wall-Mount Enclosure

- Can accommodate a variety of 6packs, connectors, splice trays and miscellaneous accessories
- Superior cable management and protection
- Ideal as the demarcation point for service providers

(4) Termination Blocks

HighBand Blocks

- 100, 200 and 300 pair pre-terminated Category 5e blocks
- 8 and 25 pair Category 6 solutions
- 8 and 20 pair Category 6A solutions
- "Look-both-ways" testing capability without the removal of any wires

(5) Termination/Splice Fiber Panel

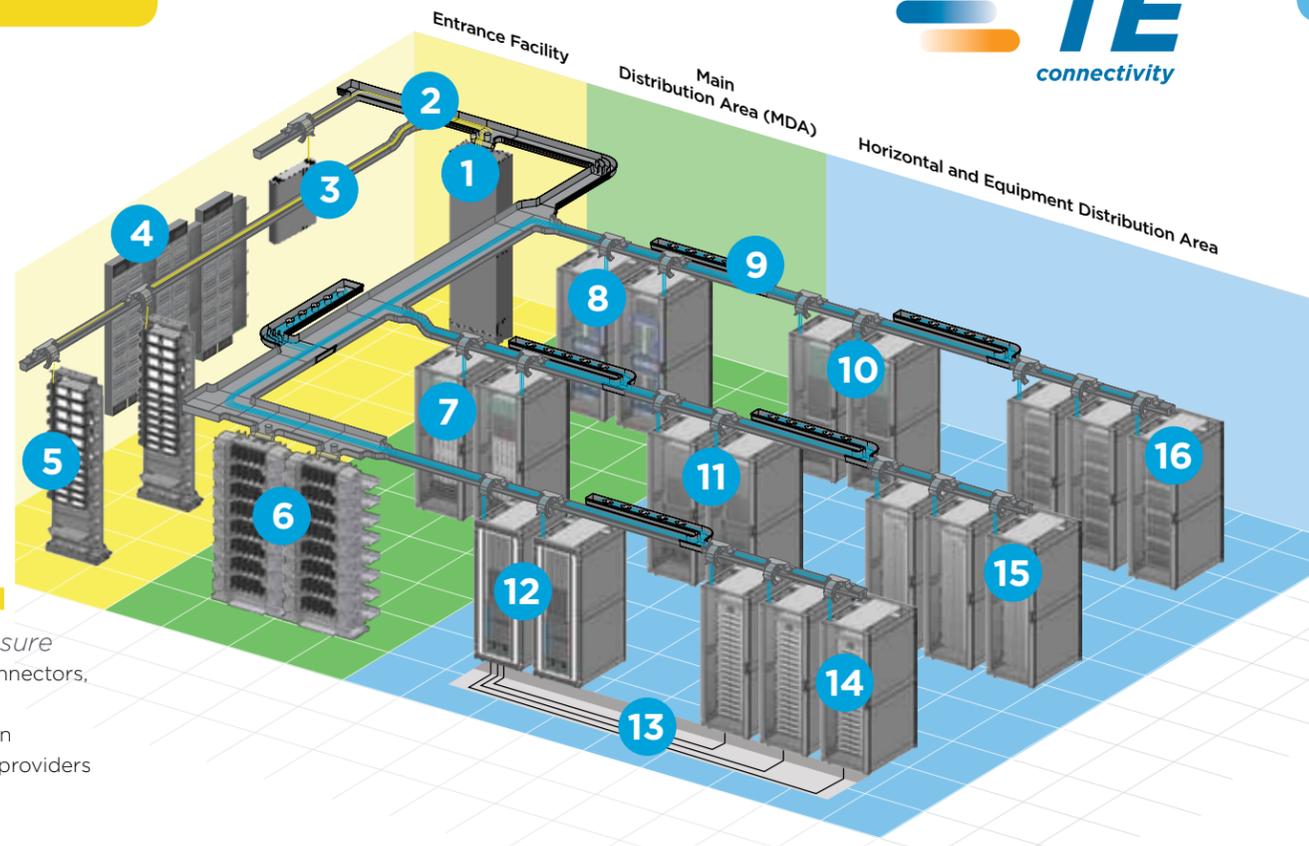*FL2000 Fiber Optic Wall/Rack-Mount Panel*

- Ideal for a wide range of fiber counts
- Hinged design allows full access to rear and interior of panel
- Rack and/or wall-mounted solutions available

Main Distribution Area (MDA)

(6) Optical Distribution Frames

Q-Frame High Density Cross-Connect Fiber Frame

- Effectively manages 1536 LC Duplex (3072 Fibers) connections
- Easily configured for 1/10/40/100GbE connections
- Compatible with Q4000, Q3000, TFP and RMG fiber panels
- Mounts to any 19-Inch equipment racks

(7) High-Density Fiber Panel

Q3000/4000 High Density Fiber Panel

- Port counts are easily matched to major active equipment manufacturers switches or chassis blades
- LC-to-LC, MPO-to-LC and MPO-to-MPO Blades
- Q4000 managed connectivity solutions
- 1, 2 and 4 RU Chassis

(8) Storage Area

Storage Area Management (SAM)

- Designed for vertical blade SAN Directors (switches)
- Manages up to 1152 fibers (576 ports) in 2 rack units
- System supports 16, 32, 48 and 64 port blades
- Color-coded and keyed assemblies simplify installation and changes

(9) Pre-Terminated Fiber Optic Solutions

MPOptimate 12 & 24 Fiber Trunk Cabling

- Guaranteed upgrades for 3 generations of active equipment: 10/40/100GbE
- Exceeds Insertion and Return Loss performance of standard MPO solutions
- Reduced diameter, round cables for easier cable management and routing

(10) Angle Left/Right Fiber Panel

TFP Fiber Patch Panels

- Angled MPO-to-LC cassettes allow for easy access to individual ports
- Termination and splice capable
- 1, 2 and 5 RU panels

(11) Universal Connectivity Platform

UCP

- Enables mixing and matching copper and fiber in a single patch panel
- Enables future-proofing and easy upgrades with superior modularity
- Supports 48 copper or duplexed fiber (96 fiber) terminations in a single 1 RU patch panel

(12) Pre-Terminated Copper Solutions

Pre-Terminated Copper Cabling Solutions

- Sigma-Link Category 6A solutions
- MRJ21 XG 10 GbE and MRJ21 1GbE Solutions
- 100% factory tested

(13) Copper Cabling Solutions

Category 6A Copper Cabling Solutions

- Category 6A U/UTP, unshielded solutions
- Category 6A F/UTP and S/FTP, shielded solutions
- Guaranteed 10Gbps performance to 100 meters

(14) Copper Patch Panels

Category 6A Copper Patch Panels

- Flat, angled and dynamically angled solutions
- 24 and 48 port counts
- Q2000 managed connectivity solutions
- 1 and 2 RU panels

(15) Direct Attach Cable (DAC)

Direct Attach Cable (DAC)

- Passive and active copper assemblies
- Active optical cable assemblies (AOC)
- SFP+, QSFP+ and QSFP+ to SFP+

(16) Fiber Patch Panels

RMG Fiber Patch Panels

- Cost effective and high density rack and cabinet mount enclosure for patching and splicing fibers
- Pre-terminated MPO-to-LC cassettes for rapid deployment
- 1, 2 and 4 RU panels