

## CAPFMFL-S1 Modular Connectors - FIELD MOUNT PLUG CAT6A SHIELDED, LARGE AWG 22-24



For more Information  
please call

1-800-Belden1



### General Description:

CATEGORY 6A FIELD MOUNT PLUG, 568A/B, SHIELDED, LARGE AWG 22-24 (0.043 - 0.063 IN.)

### Usage (Overall)

<b>Suitable Applications:</b>	Up to TIA Category 6A, ISO Class EA, 10Base-TX, 100Base-TX, 1000Base-T, 10GBase-T and IBDN Systems
<b>Related Parts:</b>	Recommended CAT5E, CAT6 and CAT6A Shielded cables (Solid & Stranded).

### Physical Characteristics (Connectivity)

#### Dimensions

Dimensions:

Height (in.)	Width (in.)	Length (in.)
0.640	0.540	2.090

#### Materials

Materials:

Description	Type	Material	Color
Connector housing		Nickel plated zinc alloy diecast	Nickel
Contact housing	RJ45	Polycarbonate - UL94V-0	Clear
Contacts		Phosphor Bronze Alloy Plated with 50u inch Gold	
PCB		FR4 UL94V-0	

#### Wiring Scheme

<b>Wiring Scheme:</b>	T568A and T568B
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#### Weight

<b>Weight:</b>	0.058 lbs.
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#### Included Parts

<b>Included Parts:</b>	RJ45 Connector, Wire Manager, Installation Guide.
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#### Packaging

<b>Packaging:</b>	Individually packaged in a clear plastic bag.
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### Mechanical Characteristics (Connectivity)

Termination Interface:

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

<b>Operating Temperature Range:</b>	-40°C To +85°C
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### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>Other Standards:</b>	FCC Part 68, Subpart F, IEC 60603-7
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	07/01/2006
<b>Telecommunications Standards:</b>	Category 6A - TIA 568.C.2, ISO/IEC 11801:2002 Ed.2
<b>Other Specification:</b>	Complies with ANSI/TIA-1096-A Requirements.

#### Flame Test

<b>UL Flame Test:</b>	UL2043 Air Handling Spaces
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#### Suitability

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Suitability - Indoor: Yes - Indoor

### Transmission Characteristics (Connectivity)

Mated Connection Table - Footnote:	* Up to Category 6A - TIA 568.C.2 when tested with Recommended CAT6A Cables.
Dielectric Strength:	1,000 V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max. Contact Resistance:	10 m-Ohm

### Notes (Overall)

Notes: For additional information about this product, refer to Installation Guide PX106201, or visit our web at <http://www.belden.com>

Notes (Cont'd.): Suitable for Conductors with insulation OD range 0.043~0.063 in. (1,1~1,5 mm) and for Cable OD range 0.20~0.35 in. (5,0~9,0 mm).

### Product Family

#### Part Number List:

Description	Part Number
CATEGORY 6A FIELD MOUNT PLUG 568A/B, UTP, SMALL	CAPFMUS-S1
CATEGORY 6A FIELD MOUNT PLUG 568A/B, UTP, LARGE	CAPFMUL-S1
CATEGORY 6A FIELD MOUNT PLUG 568A/B, SHIELDED, SMALL	CAPFMFS-S1
CATEGORY 6A FIELD MOUNT PLUG 568A/B, SHIELDED, LARGE	CAPFMFL-S1

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
CAPFMFL-S1	1 EA	0.060 KG			CAT6A FIELD PLUG T568A/B LARGE

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