

## 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)

**Suitable Applications:** Up to TIA Category 6A, ISO Class EA, 10Base-TX, 100Base-TX, 1000Base-T, 10GBase-T and IBDN Systems

**Related Parts:** 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

**Wiring Scheme:** T568A and T568B

#### Weight

**Weight:** 0.058 lbs.

#### Included Parts

**Included Parts:** RJ45 Connector, Wire Manager, Installation Guide.

#### Packaging

**Packaging:** Individually packaged in a clear plastic bag.

### Mechanical Characteristics (Connectivity)

Termination Interface:

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

**Operating Temperature Range:** -40°C To +85°C

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

**Other Standards:** FCC Part 68, Subpart F, IEC 60603-7

**EU Directive 2002/95/EC (RoHS):** Yes

**EU RoHS Compliance Date (mm/dd/yyyy):** 07/01/2006

**Telecommunications Standards:** Category 6A - TIA 568.C.2, ISO/IEC 11801:2002 Ed.2

**Other Specification:** Complies with ANSI/TIA-1096-A Requirements.

#### Flame Test

**UL Flame Test:** UL2043 Air Handling Spaces

#### 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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