

## 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 |
|-----------------------|-----------------|

#### Weight

|                |            |
|----------------|------------|
| <b>Weight:</b> | 0.058 lbs. |
|----------------|------------|

#### Included Parts

|                        |   |
|------------------------|---|
| <b>Included Parts:</b> | RJ45 Connector, Wire Manager, Installation Guide. |
|------------------------|---|

#### Packaging

|                   |   |
|-------------------|---|
| <b>Packaging:</b> | Individually packaged in a clear plastic bag. |
|-------------------|---|

### Mechanical Characteristics (Connectivity)

Termination Interface:

| Termination | Connection       | Durabilities |
|-------------|------------------|--------------|
| RJ45        | Mated Connection | 750 Cycles   |

|                                     |                |
|-------------------------------------|----------------|
| <b>Operating Temperature Range:</b> | -40°C To +85°C |
|-------------------------------------|----------------|

### 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 |
|-----------------------|----------------------------|

#### 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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