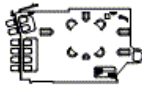


## AX101114 Modular Connectors - FX Manager Connector Module , MPO(m)- SC type, 12 Pre-Terminated



For more Information  
please call

1-800-Belden1



### General Description:

FiberExpress Manager Connector Module , Metal Sleeve, Multimode (OM3), MPO(m) - SC type, 12 Pre-Terminated

### Usage (Overall)

**Suitable Applications:** FiberExpress Solutions, Backbone, Telecommunications Room, Main Distribution Room, DataCenters

**Related Parts:** FiberExpress Manager: Shelf and 1U Rack Mount Patch Panel. Flex Kit, Splice Holder Kit

### Physical Characteristics (Connectivity)

#### Dimensions

Dimensions:

| Height (mm) | Width (mm) | Depth (mm) |
|-------------|------------|------------|
| 144.780     | 27.940     | 243.840    |

#### Materials

Materials:

| Description          | Type       | Material          | Color |
|----------------------|------------|-------------------|-------|
| Module Holder        |            | Plastic - UL94V-0 |       |
| Front Connector Body | SC         | Plastic - UL94V-0 | Beige |
| Adapter Sleeve       |            | Metal             |       |
| Rear Connector Body  | MPO Female | Plastic - UL94V-0 | Black |

#### Color

**Color:** Gray

#### Weight

**Weight:** 0.227 kg

#### Included Parts

**Included Parts:** Dust Caps

#### Packaging

**Packaging:** Individually packaged in a plastic bag, Shipped in cardboard box

### Mechanical Characteristics (Connectivity)

Termination Interface:

| Termination | Connection       | Durabilities |
|-------------|------------------|--------------|
| Front       | Mated Connection | 500 cycles   |
| Rear        | Mated Connection | xx cycles    |

**Connector/Hardware Retention:** 50.042 N

**Plug/Connector Retention:** 50.042 N

**Storage Temperature Range:** -40°C To +75°C

**Operating Temperature Range:** -10°C To +60°C

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

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

**MII Order #39 (China RoHS):** EUP 50

**Telecommunications Standards:** TIA 568.C.3

**Safety Listing:** ACA

#### Suitability

**Suitability - Indoor:** Yes - Indoor

## METRIC MEASUREMENT VERSION

### AX101114 Modular Connectors - FX Manager Connector Module , MPO(m)- SC type, 12 Pre-Terminated

#### Transmission Characteristics (Connectivity)

##### Transmission Specifications:

| Product Description   | Multimode insertion loss (max dB) | Multimode Reflectance (dB) | Single-Mode insertion loss (max dB) | Single-Mode Reflectance (dB) |
|---|-----------------------------------|----------------------------|-------------------------------------|------------------------------|
| FiberExpress Connector Module Pre-terminated MPO-ST Type    | 1.50                              | < -20                      | 1.25                                | < -55                        |
| FiberExpress Connector Module Pre-terminated MPO- SC Duplex | 1.50                              | < -20                      | 1.25                                | < -55                        |
| FiberExpress Connector Module Pre-terminated MPO-MT-RJ      | 1.40                              | < -20                      | 1.40                                | < -45                        |
| FiberExpress Connector Module Pre-terminated MPO-LC Duplex  | 1.15                              | < -20                      | 1.15                                | < -50                        |

#### Notes (Overall)

**Notes:** For additional about this product, visit our web site at <http://www.belden.com>.

#### Product Family

##### Part Number List:

| Description                       | Multimode | Single-Mode |
|-----------------------------------|-----------|-------------|
| ST type 6 fibers                  | AX101089  | AX100936    |
| ST type 12 fibers                 | AX101187  | AX101186    |
| SC Simplex 6 fibers               | -         | AX100943    |
| SC Duplex 6 fibers                | AX101092  | AX100944    |
| SC Duplex (ST in) 12 fibers       | AX101120  | AX101119    |
| SC Duplex 12 UPC pigtailed        | -         | AX101715    |
| SC Duplex 12 fibers               | AX101714  | AX101713    |
| LC Duplex 8 fibers                | AX101621  | AX101620    |
| LC Duplex 12 fibers               | AX101528  | AX101527    |
| LC Duplex 12 fibers (OM3-AQUA)    | AX103071  | -           |
| LC Duplex 24 fibers               | AX102306  | AX102305    |
| LC Duplex 24 fibers (OM3-AQUA)    | AX103070  | -           |
| MT-RJ 12 fibers                   | AX101096  | AX101581    |
| FC Single-mode/Multimode 6 fibers | -         | AX100937    |
| FC Single-mode/Multimode 8 fibers | -         | AX101482    |

#### Put Ups and Colors:

| Item #   | Putup | Ship Weight | Color | Notes | Item Desc                   |
|----------|-------|-------------|-------|-------|-----------------------------|
| AX101114 | 1 EA  | 0.000 KG    | BLACK |       | FXM MODULE 12-FIB. PRE-TERM |

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