

**AX103461 Modular Connectors - FXU FRAME, SC-DUPLEX, 12F, OM3**

For more Information  
please call

1-800-Belden1

**General Description:**

FiberExpress Ultra Frame, Multimode 50um (OM3), SC-Duplex, 12 Fibers

**Usage (Overall)**

|                               |                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Suitable Applications:</b> | FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers |
| <b>Related Parts:</b>         | FiberExpress Ultra Patch Panels Rack Mount and Wall Mount, Splice Trays                               |

**Physical Characteristics (Connectivity)****Dimensions**

Dimensions:

| Height (in.) | Width (in.) | Depth (in.) |
|--------------|-------------|-------------|
| 1.500        | 4.460       | 2.200       |

**Materials**

Materials:

| Description          | Type      | Material          | Color |
|----------------------|-----------|-------------------|-------|
| Frame                |           | Plastic - UL94V-0 | Black |
| Front Connector Body | SC-Duplex | Plastic - UL94V-0 | Aqua  |
| Adapter Sleeve       |           | Metal             |       |

**Weight**

**Weight:** 0.250 lbs.

**Included Parts**

**Included Parts:** Dust Caps

**Packaging**

**Packaging:** Individually packaged in a plastic bag, Shipped in cardboard box (60/box)

**Mechanical Characteristics (Connectivity)**

**Footprint/Type:** 1 inch Pullout

**Termination Interface:**

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

**Connector/Hardware Retention:** 11.250 lbs.

**Plug/Connector Retention:** 11.250 lbs.

**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**

|                                              |             |
|----------------------------------------------|-------------|
| <b>EU Directive 2002/95/EC (RoHS):</b>       | Yes         |
| <b>EU RoHS Compliance Date (mm/dd/yyyy):</b> | 07/01/2006  |
| <b>MIL Order #39 (China RoHS):</b>           | EUP 50      |
| <b>Telecommunications Standards:</b>         | TIA 568.C.3 |

**Suitability**

**Suitability - Indoor:** Yes - Indoor

**Transmission Characteristics (Connectivity)****Notes (Overall)**

**Notes:** For additional information about this product refer to product bulletin NP287, or visit our web site at <http://www.belden.com>.

## AX103461 Modular Connectors - FXU FRAME, SC-DUPLEX, 12F, OM3

### Product Family

#### Part Number List:

| Description                   | Multimode OM1 - 62.5um | Multimode OM2 - 50um | Multimode OM3 or OM4 - 50um | Single-Mode OS2 APC | Others   |
|-------------------------------|------------------------|----------------------|-----------------------------|---------------------|----------|
| ST-Type 6 fibers              | AX103382               | -                    | -                           | AX103467            | -        |
| ST-Type 12 fibers             | AX103403               | -                    | -                           | AX103493            | -        |
| SC Simplex 6 fibers           | AX103383               | AX103439             | AX103453                    | AX103468            | AX103472 |
| SC Simplex w/shutter 6 fibers | AX103384               | AX103440             | AX103454                    | AX103469            | AX103473 |
| SC Simplex 12 fibers          | AX103404               | AX103445             | AX103459                    | AX103494            | AX103498 |
| SC Duplex 6 fibers            | AX103385               | AX103441             | AX103455                    | AX103470            | AX103474 |
| SC Duplex w/shutter 6 fibers  | AX103386               | AX103442             | AX103456                    | AX103471            | AX103475 |
| SC Duplex 12 fibers           | AX103406               | AX103447             | AX103461                    | AX103496            | AX103500 |
| LC Duplex 6 fibers            | AX103387               | AX103443             | AX103457                    | AX103476            | AX103478 |
| LC Duplex w/shutter 6 fibers  | AX103388               | AX103444             | AX103458                    | AX103477            | AX103479 |
| LC Duplex 12 fibers           | AX103408               | AX103449             | AX103463                    | AX103502            | AX103504 |
| LC Duplex w/shutter 12 fibers | AX103409               | AX103450             | AX103464                    | AX103503            | AX103505 |
| LC Duplex 24 fibers           | AX103424               | AX103451             | AX103465                    | AX103519            | AX103521 |
| MT-RJ 6 fibers                | AX103389               | -                    | -                           | AX103859            | -        |
| MT-RJ 12 fibers               | AX103410               | -                    | -                           | AX103860            | -        |
| MT-RJ 24 fibers               | AX103426               | -                    | -                           | AX103861            | -        |
| FC 6 fibers                   | AX103390               | -                    | -                           | AX103480            | -        |
| FC 12 fibers                  | AX103411               | -                    | -                           | AX103506            | -        |
| MPO 6 Adapters                | AX103901               |                      |                             |                     |          |
| MPO 12 Adapters               | AX103902               |                      |                             |                     |          |
| Frame w/6 Blanks              | -                      | -                    | -                           | -                   | AX103862 |
| Frame Empty                   | -                      | -                    | -                           | -                   | AX103916 |

### Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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