

## AX200058 Cable Assemblies - FiberExpress Duplex Patch Cord



For more Information  
please call

1-800-Belden1



### General Description:

FiberExpress Duplex Patch Cord, SC-Duplex-SC-Duplex, PC-Polish, 5m (16ft 5in), Multimode, OM1, 62.5um

### Usage (Overall)

|                               |  |
|-------------------------------|--|
| <b>Suitable Applications:</b> | Data Centers, Main Equipment Rooms, Telecommunications Rooms and Work Area   |
| <b>Related Parts:</b>         | FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes. Workstation Outlets |

### Multi Conductor

#### Physical Characteristics

##### Overall Cabling

|                                 |   |
|---------------------------------|---|
| <b>Overall Cabling Fillers:</b> | Refer to cable Technical Specifications |
|---------------------------------|---|

##### Overall Diameter

|                                  |                   |
|----------------------------------|-------------------|
| <b>Overall Nominal Diameter:</b> | 0.118 x 0.236 in. |
|----------------------------------|-------------------|

### Physical Characteristics (Connectivity)

#### Fiber Type

|                    |                   |
|--------------------|-------------------|
| <b>Fiber Type:</b> | 62.5 Micron (OM1) |
|--------------------|-------------------|

#### Materials

##### Materials:

| Description     | Type       | Material         | Color  |
|-----------------|------------|------------------|--------|
| Connector end 1 | SC-DUPLEX  | Plastic          | Beige  |
| Boot end 1      |            | Rubber           | Black  |
| Ferrule end 1   | 2.5mm      | Zirconia-Ceramic | White  |
| Connector end 2 | SC-DUPLEX  | Plastic          | Beige  |
| Boot end 2      |            | Rubber           | Black  |
| Ferrule end 2   | 2.5mm      | Zirconia-Ceramic | White  |
| Jacket          | 3.0 mm Zip | OFNR             | Orange |

#### Wiring Scheme

|                       |                 |
|-----------------------|-----------------|
| <b>Wiring Scheme:</b> | TIA/EIA 568-C.3 |
|-----------------------|-----------------|

#### Weight

|                |            |
|----------------|------------|
| <b>Weight:</b> | 0.317 lbs. |
|----------------|------------|

#### Packaging

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

### Mechanical Characteristics (Connectivity)

|                                     |                |
|-------------------------------------|----------------|
| <b>Storage Temperature Range:</b>   | -40°C To +75°C |
| <b>Operating Temperature Range:</b> | -40°C To +75°C |

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|  |                                  |
|--|----------------------------------|
| <b>UL Rating:</b>                            | Riser                            |
| <b>EU Directive 2002/95/EC (RoHS):</b>       | Yes                              |
| <b>EU RoHS Compliance Date (mm/dd/yyyy):</b> | 01/01/2006                       |
| <b>MIL Order #39 (China RoHS):</b>           | EUP 50                           |
| <b>Telecommunications Standards:</b>         | TIA 568.C.3                      |
| <b>Safety Listing:</b>                       | ACA, Bi-national Standard Listed |

#### Suitability

|                              |     |
|------------------------------|-----|
| <b>Suitability - Indoor:</b> | Yes |
|------------------------------|-----|

## AX200058 Cable Assemblies - FiberExpress Duplex Patch Cord

### Transmission Characteristics (Connectivity)

#### Notes (Overall)

##### Product Family

##### Product List:

| Description                        | Belden Part Number Multimode - OM1 - 62.5 µm | Belden Part Number Multimode - OM2 - 50 µm | Belden Part Number Multimode - OM3 - 50 µm | Single-mode - OS2 |
|------------------------------------|--|--|--|-------------------|
| <b>Duplex Patch Cord</b>           |  |  |  |                   |
| ST-ST - 2 m (6 ft.)                | 70102419                                     | AX200341                                   | AX200799                                   | AX200090          |
| ST-ST - 3 m (10 ft.)               | 70102420                                     | AX200459                                   | AX200795                                   | AX200091          |
| ST-ST - 5 m (16 ft.)               | 70102447                                     | AX200413                                   | AX200800                                   | AX200092          |
| 568SC-568SC - 2 m (6 ft.)          | AX200056                                     | AX200084                                   | AX200603                                   | AX200094          |
| 568SC-568SC - 3 m (10 ft.)         | AX200057                                     | AX200082                                   | AX200589                                   | AX200095          |
| 568SC-568SC - 5 m (16 ft.)         | AX200058                                     | AX200280                                   | AX200624                                   | AX200096          |
| LC duplex-LC duplex - 2 m (6 ft.)  | AX200517                                     | AX200527                                   | AX200664                                   | AX200507          |
| LC duplex-LC duplex - 3 m (10 ft.) | AX200518                                     | AX200528                                   | AX200665                                   | AX200508          |
| LC duplex-LC duplex - 5 m (16 ft.) | AX200519                                     | AX200529                                   | AX200666                                   | AX200509          |
| MTRJ-MTRJ - 2 m (6 ft.)            | AX101122                                     | AX101139                                   | AX200801                                   | AX101157          |
| MTRJ-MTRJ - 3 m (10 ft.)           | AX101123                                     | AX101138                                   | AX200802                                   | AX101156          |
| MTRJ-MTRJ - 5 m (16 ft.)           | AX101125                                     | AX101137                                   | AX200803                                   | AX101155          |
| <b>Hybrid Patch Cord</b>           |  |  |  |                   |
| 568SC-ST - 3 m (10 ft.)            | AX200060                                     | AX200196                                   | AX200900                                   | AX200421          |
| LC duplex-ST - 3 m (10 ft.)        | AX200699                                     | AX200695                                   | AX200809                                   | AX200698          |
| LC duplex-568SC - 3 m (10 ft.)     | AX200580                                     | AX200581                                   | AX200668                                   | AX200667          |
| MTRJ-ST - 3 m (10 ft.)             | AX101133                                     | AX101151                                   | AX200810                                   | AX101166          |
| MTRJ-568SC - 3 m (10 ft.)          | AX101128                                     | AX101143                                   | AX200797                                   | AX101161          |
| <b>Single-ended (pigtailed)</b>    |  |  |  |                   |
| ST-open - 2 m (6 ft.)              | 70100390                                     | AX200458                                   | AX200811                                   | AX200097          |
| SC-open - 2 m (6 ft.)              | 70101714                                     | AX200192                                   | AX200653                                   | AX200098          |
| LC-open - 2 m (6 ft.)              | AX200657                                     | AX200658                                   | AX200660                                   | AX200659          |
| MTRJ(m)-open - 3 m (10 ft.)        | AX101366                                     | AX101367                                   | AX200812                                   | AX101368          |

### Put Ups and Colors:

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

Revision Number: 0 Revision Date: 05-12-2009

© 2014 Belden, Inc.  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.