

## AX200091 Cable Assemblies - FiberExpress Duplex Patch Cord



For more Information  
please call

1-800-Belden1



### General Description:

FiberExpress Duplex Patch Cord, ST-ST, SPC-Polish, 3m (9ft 10in), Singlemode, OS2, SM

### 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> | SM, (OS2) |
|--------------------|-----------|

#### Materials

##### Materials:

| Description     | Type       | Material         | Color  |
|-----------------|------------|------------------|--------|
| Connector end 1 | ST         | Metal            |        |
| Boot end 1      |            | Rubber           | White  |
| Ferrule end 1   | 2.5mm      | Zirconia-Ceramic | White  |
| Connector end 2 | ST         | Metal            |        |
| Boot end 2      |            | Rubber           | White  |
| Ferrule end 2   | 2.5mm      | Zirconia-Ceramic | White  |
| Jacket          | 3.0 mm Zip | OFNR             | Yellow |

#### Wiring Scheme

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

#### Weight

|                |            |
|----------------|------------|
| <b>Weight:</b> | 0.238 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 |
|------------------------------|-----|

## AX200091 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 |
|------------------------------------|----------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------|
| Duplex Patch Cord                  |                                              |                                            |                                            |                   |
| 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          |
| Hybrid Patch Cord                  |                                              |                                            |                                            |                   |
| 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          |
| Single-ended (pigtailed)           |                                              |                                            |                                            |                   |
| 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 |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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