**FieldShield®**

**MPO Pushable Assemblies**

**Application**

Designed to simplify the deployment of fiber where multiple fibers are required, FieldShield MPO Pushable Assemblies provide a tech-friendly, field-assembled connector that snaps together in seconds without jeopardizing fiber protection or optical reliability. FieldShield Pushable Assemblies greatly reduce installation costs for Fiber to the Home installations, business class services, cell backhaul or any other small count delivery application.

**Description**

FieldShield Pushable Assemblies are factory terminated and polished. MPO Assemblies are designed to be terminated on 6, 12 or 24-fiber FieldShield Pushable Optical Fiber Assemblies. After being pushed or pulled through FieldShield Microduct, the black protective sleeve is easily removed and the green MPO outer housing is snapped into place creating an industry standard connector without mechanical or fusion splicing. FieldShield Pushable MPO Assemblies can be pulled/pushed in 14/10 mm FieldShield Microduct.

**Features and Benefits**

**Integrity**

- Terminations are designed and tested to Telcordia GR-326
- Available in singlemode 4, 6, 8, 12 and 24-fiber terminations
- FieldShield MPO Pushable Assemblies use high-quality components that keep the connector insertion loss to a maximum of 0.35 dB (1.00 dB 24 fiber)

**Protection**

- Smooth wall protective sleeve is easily removed and an outer housing is snapped into place

**Access**

- Thermoplastic high-precision ferrules
- Tool-less installation

**Investment**

- Tech-friendly, pre-terminated pushable assemblies decrease deployment times and reduce installation costs by eliminating in-field splicing
- Pushed directly up to a Clearview® Cassette, FieldShield is optimized for placement alongside FieldSmart® fiber management platforms

**Technical Specifications**

<table>
<thead>
<tr>
<th>FieldShield MPO Pushable Assemblies</th>
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</thead>
<tbody>
<tr>
<td>Connector Type</td>
<td>MPO</td>
</tr>
<tr>
<td>Ferrule Material</td>
<td>Thermoplastic</td>
</tr>
<tr>
<td>Polish Type</td>
<td>APC</td>
</tr>
<tr>
<td>Insertion Loss Typical</td>
<td>0.25 dB (12 fiber) 0.75 dB (24 fiber)</td>
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<tr>
<td>Maximum Insertion Loss</td>
<td>0.35 dB (12 fiber) 1.00 dB (24 fiber)</td>
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<tr>
<td>Minimum Return Loss</td>
<td>55.00 dB (12 and 24 fiber)</td>
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</tbody>
</table>
## FieldShield®
### MPO Pushable Assemblies

### Pre-Configured Part Numbers

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS-AA1-006-PZZ-ZZZ</td>
<td>FieldShield pushable pigtail, singlemode, 6-fiber (250 µm) 3 mm jacket 1 x 6 pushable MPO female to pigtail, XXXX feet</td>
</tr>
<tr>
<td>FS-AA1-008-PZZ-ZZZ</td>
<td>FieldShield pushable patch cord, singlemode, 8-fiber (250 µm), 3 mm jacket 1 x 8 pushable MPO female to standard 1 x 8 MPO female, XXXX feet</td>
</tr>
<tr>
<td>FS-AA1-012-PQZ-ZZZ</td>
<td>FieldShield Fiber Pigtail, Singlemode, 12 Fiber, 1 x 12 Pushable MPO Female With YOURx Connector Installed to Pigtail</td>
</tr>
<tr>
<td>FS-AA1-012-PQZ-ZZZ</td>
<td>FieldShield Fiber Patchcord, Singlemode, 12 Fiber, 1 x 12 Pushable MPO Female With YOURx Connector Installed to Pushable MPO Female</td>
</tr>
<tr>
<td>FS-AA1-012-PZZ-ZZZ</td>
<td>FieldShield pushable pigtail, singlemode, 12-fiber (250 µm), 3 mm jacket 1 x 12 pushable MPO female to pigtail, XXXX feet</td>
</tr>
</tbody>
</table>

### Configured Part Numbers

1. Select Fiber Count
   - 006 = 6
   - 012 = 12
   - 024 = 24
   - 048 = 48

2. Select Connector #1
   - 1 = Pushable LC/UPC
   - 2 = Pushable LC/APC
   - 3 = Dual LC/UPC unibody
   - 4 = Dual LC/APC unibody
   - 5 = MPO (male)
   - 6 = MPO (female)
   - B = Pushable SC/UPC
   - D = Pushable SC/APC
   - A = SC/UPC
   - C = SC/APC
   - E = LC/UPC
   - G = LC/APC
   - J = FC/UPC
   - K = FC/APC
   - M = ST/UPC
   - N = Pushable MPO male
   - P = Pushable MPO female
   - Q = MPO (24 fiber male)
   - R = MPO (24 fiber female)
   - S = Pushable MPO (24 fiber male)
   - T = Pushable MPO (24 fiber female)
   - W = HFSC SC/APC

3. Select Breakout #1
   - B = 1 meter
   - C = Half meter
   - Q = YOURx
   - U = Hardened connector
   - Z = N/A

4. Select Upjacketing #1
   - B = 2 mm (OSP)
   - D = 3 mm
   - Z = N/A

5. Select Connector #2
   - 1 = Pushable LC/UPC
   - 2 = Pushable LC/APC
   - 3 = Dual LC/UPC unibody
   - 4 = Dual LC/APC unibody
   - 5 = MPO (Male)
   - 6 = MPO (Female)
   - B = Pushable SC/UPC
   - D = Pushable SC/APC
   - A = SC/UPC
   - C = SC/APC
   - E = LC/UPC
   - G = LC/APC
   - J = FC/UPC
   - K = FC/APC
   - M = ST/UPC
   - N = Pushable MPO male
   - P = Pushable MPO female
   - Q = MPO (24 fiber male)
   - R = MPO (24 fiber female)
   - S = Pushable MPO (24 fiber male)
   - T = Pushable MPO (24 fiber female)
   - W = HFSC SC/APC
   - Z = None

6. Select Breakout #2
   - B = 1 meter
   - C = Half meter
   - P = Pulling eye
   - Q = YOURx
   - U = Hardened connector
   - Z = N/A

7. Select Upjacketing #2
   - B = 2 mm (OSP)
   - D = 3 mm
   - Z = N/A

XXXM = Length in meters
XXXF = Length in feet