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.

MPO Pushable Fiber in duct

Features and Benefits

Integrity

- Singlemode terminations are designed, tested and certified 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

| FieldShield MPO Pushable Assemblies | |
|-------------------------------------|---------------------------------------|
| Connector Type | MPO |
| Ferrule Material | Thermoplastic |
| Polish Type | APC |
| Insertion Loss Typical | 0.25 dB (12 fiber) 0.75 dB (24 fiber) |
| Maximum Insertion Loss | 0.35 dB (12 fiber) 1.00 dB (24 fiber) |
| Minimum Return Loss | 55.00 dB (12 and 24 fiber) |

www.SeeClearfield.com 1-800-422-2537

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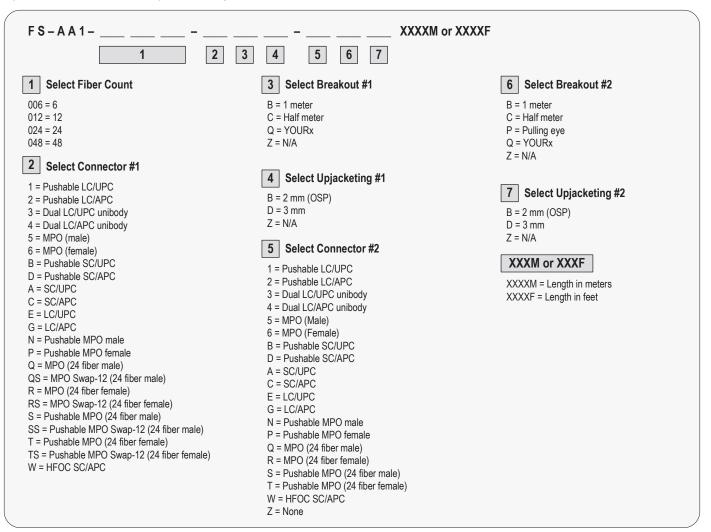


Pre-Configured Part Numbers

| Part Number | Description |
|-----------------------------|--|
| FS-AA1-006-PZZ-ZZZ XXXXF | FieldShield pushable pigtail, singlemode, 6-fiber (250 µm) 3 mm jacket 1 x 6 pushable MPO female to pigtail, XXXX feet |
| FS-AA1-008-PZZ-6ZZ XXXXF | 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 |
| FS-AA1-012-PQZ-ZZZ XXXXF | FieldShield Fiber Pigtail, Singlemode, 12 Fiber, 1 x 12 Pushable MPO Female With YOURx Connector Installed to Pigtail |
| FS-AA1-012-PQZ-PZZ XXXXF | FieldShield Fiber Patchcord, Singlemode, 12 Fiber, 1 x 12 Pushable MPO Female With YOURx Connector Installed to Pushable MPO Female |
| FS-AA1-012-PZZ-ZZZ XXXXF | FieldShield pushable pigtail, singlemode, 12-fiber (250 µm), 3 mm jacket 1 x 12 pushable MPO female to pigtail, XXXX feet |

Configured Part Numbers

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.



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