



Product: [MF4MMB2018MLPN](#)



FiberExpress MPO Trunk Assembly, MPO 12 (Male To Male), Multi Mode OM4 (BI), Type B, 2 MPO (24 Fibers), LSZH, 18 Meter, No Pulling Eye, Erika Violet Jacket

Product Description

FiberExpress MPO Trunk Assembly, MPO 12 (Male To Male), Multi Mode OM4 (BI), Type B, 2 MPO (24 Fibers), LSZH, 18 Meter, No Pulling Eye, Erika Violet Jacket

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Data Centers, Main Equipment Rooms, Telecommunications Rooms |
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Fiber Specifications

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|--------------|-----|
| Fiber Type: | OM4 |
| Fiber Count: | 24 |

Physical Specifications

Connectors

| Description | Housing Color | Boot Color |
|---------------------------|---------------|------------|
| Connector A (Inside End) | Erika Violet | Black |
| Connector B (Outside End) | Erika Violet | Black |

Fan-out (Legs)

| Description | Transition | Length (m) | Diameter |
|---------------------------|------------|------------|----------|
| Connector A (Inside End) | LPM | 0.5 m | 3.0 mm |
| Connector B (Outside End) | LPM | 0.5 m | 3.0 mm |

Assembly Cable

| Cable Nominal OD | Jacket Color |
|------------------|--------------|
| 4.5 mm | Erika Violet |

Optical Characteristics

Fiber Connector Performance

| Description | Max. Insertion Loss | Min. Return Loss |
|---------------------------|---------------------|------------------|
| Connector A (Inside End) | 0.20 dB | 30 dB |
| Connector B (Outside End) | 0.20 dB | 30 dB |

Mechanical Characteristics

| | |
|---------------------------------------|--|
| Min. Bend Radius During Installation: | 20 x OD |
| Min. Bend Radius During Operation: | 10 x OD |
| Crush Resistance: | 1000 N/100mm (Short Term), 300 N/100mm (Long Term) |

Temperature Range

| | |
|------------------------------|----------------|
| Operating Temperature Range: | -20°C to +60°C |
| Storage Temperature Range: | -20°C to +60°C |

Standards and Compliance

| | |
|----------------------------------|----------------------------------|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | IEC 60332-1-2 |
| TIA/EIA Compliance: | TIA 568.3-D |
| ISO/IEC Compliance: | ISO/IEC 11801IEC 61754-7 |
| European Directive Compliance: | EU Directive 2011/65/EU (RoHS 2) |

Product Notes

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| Related Parts: | FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes, Workstation Outlets |
| Notes: | Outer Jacket Material: LSZH - Low Smoke Zero Halogen (Flame Retardant), Tensile Strength : 660 N (Short Term), 200 N (Long Term) |

History

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| Update and Revision: | Revision Number: 0.4 Revision Date: 07-11-2024 |
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