



**Product:** [MF4MMB2025MLPN](#)



FiberExpress MPO Trunk Assembly, MPO 12 (Male To Male), Multi Mode OM4 (BI), Type B, 2 MPO (24 Fibers), LSZH, 25 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, 25 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

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

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

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