

**Product:** [MFSMMB2010MLPN](#) 



FiberExpress MPO Trunk Assembly, MPO 12 (Male To Male), Single Mode OS2, Type B, 2 MPO (24 Fibers), LSZH, 10 Meter, No Pulling Eye, Yellow Jacket

## Product Description

FiberExpress MPO Trunk Assembly, MPO 12 (Male To Male), Single Mode OS2, Type B, 2 MPO (24 Fibers), LSZH, 10 Meter, No Pulling Eye, Yellow Jacket

## Technical Specifications

### Product Overview

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

Fiber Type:	OS2
Fiber Count:	24

### Physical Specifications

#### Connectors

Description	Housing Color	Boot Color
Connector A (Inside End)	Green	Black
Connector B (Outside End)	Green	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	Yellow

### Optical Characteristics

#### Fiber Connector Performance

Description	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	0.50 dB	60 dB
Connector B (Outside End)	0.50 dB	60 dB

### Mechanical Characteristics

Minimum Bend Radius During Installation:	20 x OD
Minimum Bend Radius During Operation:	10 x OD
Crush Resistance:	1000 N/100mm (Short Term), 300N/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
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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 Manager Modules and FiberExpress Ultra Frames and Cassettes,Pre loaded fiber tray assemblies.
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: 0.6 Revision Date: 06-11-2026
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