



Product: [MFSMMB1010MLTN](#)



FiberExpress MPO Assembly, Male To Male, 12F, Single Mode OS2, Type B, LSZH, 10 Meter, No Pulling Eye, Yellow Jacket

Product Description

FiberExpress MPO Assembly, Male To Male, 12F, Single Mode OS2, Type B, 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:	12

Physical Specifications

Connectors

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

Assembly Cable

Jacket Color
Yellow

Optical Characteristics

Fiber Connector Performance

Max. Insertion Loss	Min. Return Loss
0.50 dB	60 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), 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
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 : 440 N (Short Term), 132 N (Long Term)

History

Update and Revision:	Revision Number: 0.6 Revision Date: 02-11-2025
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