



Product: [MFSMMA1003MRMN](#)



FiberExpress MPO Assembly, Male To Male, 12F, Single Mode OS2, Type A, Riser, 3 Meter, No Pulling Eye, Yellow Jacket

Product Description

FiberExpress MPO Assembly, Male To Male, 12F, Single Mode OS2, Type A, Riser, 3 Meter, No Pulling Eye, Yellow Jacket

Technical Specifications

Product Overview

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|------------------------|--|
| 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: | 350 N/100mm (Short Term), 70 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: | OFNR |
| 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 Manager Modules and FiberExpress Ultra Frames and Cassettes,Pre loaded fiber tray assemblies. |
| Notes: | Outer Jacket Material: PVC - Polyvinyl Chloride, Tensile Strength : 100 N (Short Term), 30 N (Long Term) |

History

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| Update and Revision: | Revision Number: 0.33 Revision Date: 12-07-2023 |
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