

**Product:** [MF3MEA1024MLMN](#) 



FiberExpress MPO Assembly, Male To Female 12F, Multi Mode OM3(BI), Type A, LSZH, 24 Meter, No Pulling Eye, Aqua Jacket

## Product Description

FiberExpress MPO Assembly, Male To Female 12F, Multi Mode OM3(BI), Type A, LSZH, 24 Meter, No Pulling Eye, Aqua Jacket

## Technical Specifications

### Product Overview

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

### Fiber Specifications

|              |     |
|--------------|-----|
| Fiber Type:  | OM3 |
| Fiber Count: | 12  |

### Physical Specifications

#### Connectors

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

#### Assembly Cable

| Jacket Color |
|--------------|
| Aqua         |

### Optical Characteristics

#### Fiber Connector Performance

| Max. Insertion Loss | Min. Return Loss |
|---------------------|------------------|
| 0.30 dB             | 30 dB            |

### Mechanical Characteristics

|  |  |
|--|--|
| Minimum Bend Radius During Installation: | 20 x OD  |
| Minimum 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: | 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 : 100 N (Short Term), 30 N (Long Term) |

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.20 Revision Date: 12-07-2023 |
|----------------------|---|

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