



Product: [MFSMMB1007MLTN](#)



FiberExpress MPO Assembly, Male To Male, 12F, Single Mode OS2, Type B, LSZH, 7 Meter, Trunk, No Pulling Eye, Yellow Jacket

Product Description

FiberExpress MPO Assembly, Male To Male, 12F, Single Mode OS2, Type B, LSZH, 7 Meter, Trunk, No Pulling Eye, Yellow Jacket

Technical Specifications

Product Overview

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

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: 0.2 Revision Date: 08-14-2025 |
|----------------------|------------------------------------------------|

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.