

Type B MPO w/ pins to SC/APC fan-out, 2.0mm Diameter, 8 Fiber, Single Mode OS2 9/125µm, LSZH Jacket, 1 Meter



MPMB8OS2-20SCAZ-1

Features

- 8 Fiber Type B MPO Male (w/ pins) to 8x SC/APC
- Fan-Out length of 0.5M
- LSZH (Low Smoke Zero Halogen) Rated Jacket
- Single Mode OS2 9/125µm Fiber

Applications

- Data Centers
- Ethernet
- Link Aggregation
- Server Connectivity

Description

The MPMB8OS2-20SCAZ-1 from L-com is a fan-out cable assembly that comes with a type B MPO (w/ pins) male to 8x SC/APC connector configuration. This fiber optic cable with 8 fibers features an LSZH-rated jacket and has a cable diameter of 3 mm. Our fan-out cable is suitable for applications such as data centers, Ethernet, link aggregation, and server connectivity. This yellow fiber optic cable assembly is available in a length of 1 meter and can withstand temperatures ranging from -20 to 70 degrees C.

Our MPO (w/ pins) to SC cable comes with a single mode OS2 fiber and has a fiber diameter of 9/125 µm. L-com's fan-out cable assembly is ideal for making connections within rack mounted or wall mounted fiber enclosures. Our fiber optic cable assembly can be customized in different lengths to fit specific installation needs, ensuring efficient network management in high-density setups without compromising delivery time or quality. Additional dimensions, specifications, and CAD drawings for this MPMB8OS2-20SCAZ-1 fan-out cable can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of fiber optic cable assemblies for international and domestic orders. Make your online purchase right now to take advantage of our same-business-day shipping. We are committed to delivering excellent service to support our customers in maintaining the continuity and reliability of their networks. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal single mode OS2 fan-out cable for your requirements.

Configuration

| | |
|---------------------|--------------------|
| Function | Fan-out |
| Cable Type | Base-8 Single Mode |
| Mode | Single Mode |
| Mode Class | OS2 |
| Fiber Diameter | 9/125 µm |
| Connection 1 Type | MPO (w/ pins) |
| Connection 1 Gender | Male |
| Connection 1 Polish | APC |
| Connection 2 Type | SC |
| Connection 2 Polish | APC |
| Cable Color | Yellow |

Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|------------------------------|---------|---------|---------|-------|
| Return Loss - MPO | 60 | | | dB |
| Insertion Loss - MPO | | | 0.7 | dB |
| Return Loss - LC, ST, SC, FC | 55 | | | dB |

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Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---------------------------------|---------|---------|---------|-------|
| Insertion Loss - LC, ST, SC, FC | | | 0.3 | dB |

Mechanical Specifications

Cable Assembly

| | |
|----------------|----------------|
| Length | 1 m [39.37 in] |
| Width/Diameter | 3 mm |

Cable

| | |
|--|---------|
| Cable Type | Fan-out |
| Polarity | Type B |
| Breakout Diameter | 2 mm |
| Static Bend Radius | 30 mm |
| Dynamic Bend Radius | 60 mm |
| Max Crush Resistance, Short Term (N/100mm) | 500 |
| Max Crush Resistance, Long Term (N/100mm) | 100 |

Connectors

| Description | Connector 1 | Connector 2 |
|------------------|--------------------|-------------|
| Type | MPO (w/ pins) Male | SC |
| Connector Polish | APC | APC |

Environmental Specifications

| | |
|-----------------------------|------------------|
| Operating Range Temperature | -20 to +70 deg C |
| Storage Range Temperature | -40 to +70 deg C |

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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Typical Performance Data

How to Order



Example: MPMB8OS2-20SCAZ-12 = 12 meters long cable
 MPMB8OS2-20SCAZ-10F = 10 feet long cable

Type B MPO w/ pins to SC/APC fan-out, 2.0mm Diameter, 8 Fiber, Single Mode OS2 9/125µm, LSZH Jacket, 1 Meter from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/type-b-mpo-w-pins-to-sc-apc-fan-out-2-0mm-diameter-8-fiber-single-mode-os2-9-125-lszh-jacket-1-meter-mpmb8os2-20scaz-1>

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MPMB8OS2-20SCAZ-1 CAD Drawing

Type B MPO w/ pins to SC/APC fan-out, 2.0mm Diameter, 8 Fiber, Single Mode OS2 9/125µm, LSZH Jacket, 1 Meter

