

UHD, MPO-LC Fiber Cassette

Features



- Extremely compact design
- Shuttered LC adapters for dust & laser protection
- Low loss performance
- Available in Base-8 or Base-12 configurations
- Bend-optimised fiber as standard
- Compatible with UHD enclosure 1U, 2U and 4U

MPO to LC cassette allow users to convert Base-8 or Base-12 MPO trunk cables to Base-2 LCDX adaptors to match the transceivers of nearby switches and servers. The MPO connection at the rear of the cassette provides a high degree of flexibility. And compact design, means higher density can be accommodated.

The cassette are available with low-loss or standard-loss performance depending on the application and distance.

Technical Data

| Mechanical Data | Value |
|------------------------|---|
| Dimensions | 89mm (3.5") x 148mm (5.8") x 12 mm (0.47") |
| Weight | 0.1 kg |
| Material / Colour | PC+ABS/Black |
| Adapter Type Front | Shuttered LC - DX |
| Adapter Quantity Front | 4 (Base-8), 6 (Base-12) |
| Adapter Colour Front | Blue, Green (APC), Aqua, Violet, Gray |

| Optical Data | Value | |
|--------------------------|--|---|
| Fiber Mode | OS1/OS2/G657-9/125 bend insensitive (A.1 or A.2) or OM1/2/3/4/5 | |
| Test Wavelength | 1310nm/1550nm (Singlemode), 850nm/1300nm (Multimode) | |
| Insertion Loss (MTP/MPO) | Low | Singlemode ≤ 0.35 dB, Multimode ≤ 0.35 dB |
| | Standard | Singlemode ≤ 0.50 dB, Multimode ≤ 0.50 dB |
| Insertion Loss (LC) | Low | Singlemode ≤ 0.15 dB, Multimode ≤ 0.15 dB |
| | Standard | Singlemode ≤ 0.30 dB, Multimode ≤ 0.30 dB |
| Return Loss | Singlemode UPC ≥ 55 dB APC ≥ 65 dB Multimode UPC ≥ 25 dB | |

Environmental Data

| Description | Value |
|---------------------|------------------------|
| Flammability Rating | UL94-V0 |
| Fully Compliant | IEC 61754, TIA/EIA 568 |

Ordering Information

| - | X | X | X | X | X | X | X | X |
|------|----------------------|--|--------------------|---|-------------------------------|-----------------------------|------------------------------|-------------------------------------|
| Type | Front | Rear | Rear Side | Fiber Mode | Insertion Loss | Count | Polarity | Jacket |
| UHDC | 1=LC/UPC 2=LC/APC | 1=MPO/UPC 2=MPO/APC 3=MTP/UPC 4=MTP/APC | 1=Male 2=Female | 1=OS1 2=OS2 3=OM1 4=OM2 5=OM3 6=OM4 7=OM5 | 1=Low Loss 2=Standard Loss | 1=8 2=12 3=16 4=24 | 1=A 2=B 3=C 4=other | 1=LSZH 2=PVC 3=OFNR 4=OFNP |

Example:

UHDC 11111211 Means : Ultra High Density Cassette, LC/UPC-MPO/UPC, Male, OS1, Low Loss, 12F, Polarity A, LSZH