

8-core MPO (Female) to 4*LC duplex multimode OM4 branch fiber patch cord, polarity B

Product Description

Save wiring space and reduce deployment costs.



Features

- Multimode OM4 MTP/MPO-LC branch optical fiber patch cord has the advantages of low insertion loss, resistance to plugging and unplugging, and high temperature resistance without deformation
- Insertion loss change rate $\leq 0.35\text{dB}$ (MPO), $\leq 0.2\text{dB}$ (LC), return loss $\geq 20\text{dB}$ (MPO), $\geq 30\text{dB}$ (LC)
- Good interchangeability
- Excellent bending resistance and tensile resistance
- High-speed and stable transmission
- Complies with TelcordiaGR-326-CORE standard
- Comply with ROHS requirements

Applications

- Various high-density applications
- 10G/25G/40G/100G/200G data center high-density cabling, such as 40GBASE-SR4 QSFP+ and 10GBASE-SR SFP+ interconnects
- 100GBASE-SR4 QSFP28 and 25GBASE-SR SFP28

Optical Parameter

| | | | |
|---------------------------|--|----------------------------|--|
| Connector | MPO (Female) - LC (Duplex) | Grinding method | UPC-UPC |
| Fiber type | OM4 50/125um | wavelength | 850/1310nm |
| Outer sheath material | LSZH | polarity | Type B |
| Insertion loss (MPO) | $\leq 0.35\text{dB}$ | Return loss (MPO) | $\geq 20\text{dB}$ |
| Insertion loss (LC) | $\leq 0.2\text{dB}$ | Return loss (LC) | $\geq 30\text{dB}$ |
| Minimum bending radius | 7.5mm | Wire diameter | 3.0mm (MPO) 2.0mm (LC) |
| Attenuation value (850nm) | $\leq 2.3\text{dB/km}$ | Attenuation value (1310nm) | $\leq 0.6\text{dB/km}$ |
| Operating temperature | $-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$ | storage temperature | $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ |

