



MTP®/MPO Female to LC UPC Duplex OM4 Multimode Breakout Cable

This datasheet outlines our range of OM4 50/125 Multimode MTP® Female to LC UPC Duplex breakout cables available in different types and lengths. The MTP® breakout cable presents an efficient solution tailored for high-density fiber patching within data centers, offering space-saving advantages and simplified cable management. Crafted with precision-engineered US Conec MTP® connectors and employing high-quality bend-insensitive multimode optical fiber, this cable is meticulously designed to excel in a variety of optic direct connections and high-density data center applications.



Key Features

- High performance in IL & RL
- Low Insertion Loss
- Bend Insensitive Fiber with Minimum Bend Radius
- Cost-Effective: MTP breakout to LC cables eliminate the need for time-consuming field terminations, reducing installation costs.
- US Conec MTP® Connectors: Fully compliant with MPO standards, achieving superior performance compared to generic MPO connectors. By default, our cables are MTP based unless noted otherwise.
- Complied to ANSI/TIA-568-C.3, IEEE 802.3ba and adheres to ANSI/TIA-942
- 100% 3D Tested

Applications

- Designed for multimode applications including 40G QSFP+ SR4, 100G QSFP28 SR4, and breakout connectivity to lower-speed multimode optics.
- 40G QSFP+ SR4 to 4x10G SFP+ SR
- 100G QSFP28 SR4 to 4x25G SFP28 SR
- 400G SR4.2-BD **Breakout to 4 x 100G-SR1.2**
- Suitable for high-density patching in enterprise networks, data centers, and SAN environments
- Other custom options, such as SC connectors, length, polarity, and jacket, are also available

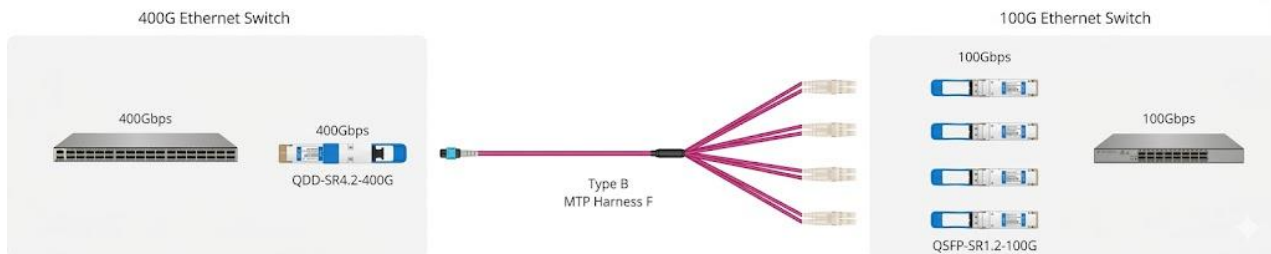


Specifications EN-MTP4LCxxSM

Parameter	Description
Connector A	US Conec MTP® Female (Pinless)
Connector B	LC UPC Duplex
Number of Fibres	8 or 12F
Polarity	Type B
Color-coded Cable Jacket	Magenta
Fiber Mode	OM4 50/125µm MM
Glass Fiber	Bend Insensitive Multimode Fiber
Fiber Grade	OM4
Polish Type	UPC
Minimum Bend Radius	7.5mm
Insertion Loss	0.35dB Max (0.15dB Typ.)
Return Loss	≥20dB
Wavelength	850/1300nm
Attenuation at 850nm	≤3.0dB/km
Attenuation at 1300nm	≤1.0dB/km
Jacket OD	3.0mm
Cable Jacket	LSZH or Plenum (OFNP)
Operating Temperature	-10 to 70°C (14 to 158°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)

Connectivity example

400G-to-Four 100G Links for Switch-to-Switch





Ordering Information

Part Number	Description	Fiber Type	Length
EN-MTP4LC01OM4	MTP® Female to 4x LC Duplex Breakout Cable, OM4, 1m	OM4 MMF	1m
EN-MTP4LC03OM4	MTP® Female to 4x LC Duplex Breakout Cable, OM4, 3m	OM4 MMF	3m
EN-MTP4LC05OM4	MTP® Female to 4x LC Duplex Breakout Cable, OM4, 5m	OM4 MMF	5m
EN-MTP4LC10OM4	MTP® Female to 4x LC Duplex Breakout Cable, OM4, 10m	OM4 MMF	10m

Custom Ordering Format

EN-MTP4LCxxOM4

- xx = cable length in meters (01–100)
- Standard lengths: 1m, 2m, 3m, 5m, 10m, 20m, 30m
- Custom lengths available upon request

Contact our sales team for detailed product specifications, custom lengths, and bulk pricing options.

Notice:

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