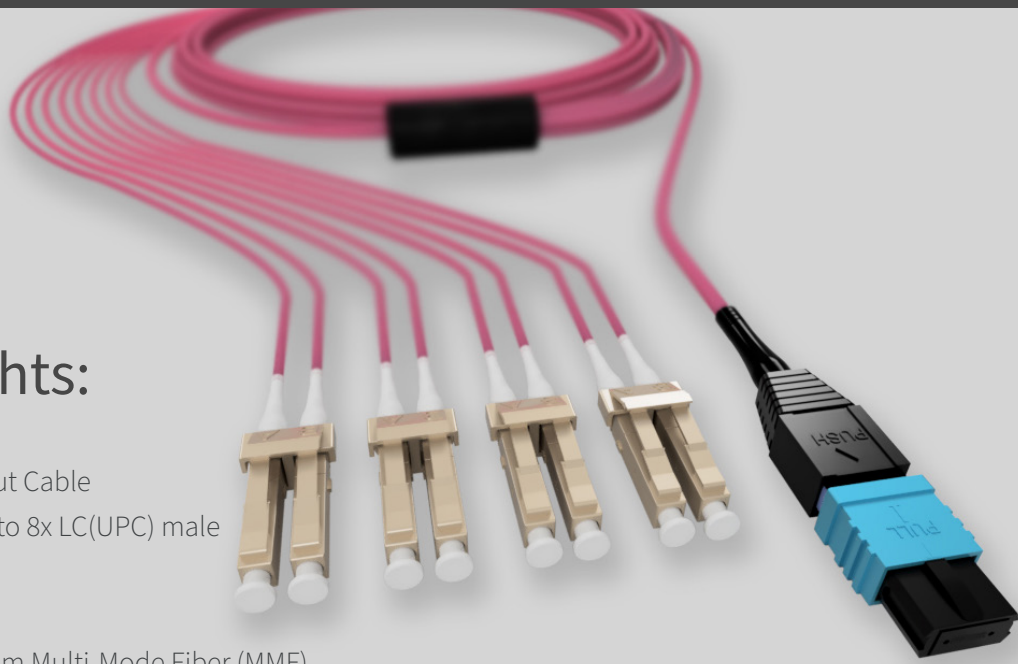




Key Highlights:

- **Type:** Fiber Optic Breakout Cable
- **Connector:** MTP Female to 8x LC(UPC) male
- **Fiber Count:** 8
- **Polarity:** Type B
- **Fiber Type:** OM4 50/125um Multi-Mode Fiber (MMF)
- **Jacket Type:** LSZH | OFNP
- **Wavelength:** 850 | 1310 nm
- **Operating Temperature:** -20°C to +70°C
- **Color:** Magenta
- **Cable Length:** 1m to 50m

Fiber Optic Breakout Cable: MTP-8LC-UPC-OM4

Product Description:

MTP-8LC-UPC-OM4 is MTP Female to 8x LC male, OM4 Multimode, 8 Fiber, Type B cable available in length from 1 meter to 50 meters. This MTP to 8x LC cable uses 50/125 micron Multimode fiber with cable jacket diameter of 3 mm on the MTP end, and 2 mm diameter on the LC ends. Cable jacket material is available in two options - Low Smoke Zero Halogen (LSZH) or Optical Fiber Nonconductive Plenum (OFNP). The LSZH cable jacket ensures lower smoke and zero smoke characteristics, but OFNP cables have fire-resistance and low smoke characteristics. OFNP is the highest fire rating fiber cable and no other cable types can be used as substitutes. MTP to 8x LC cable supports 850nm and 1310nm wavelengths, and its attenuation at 850nm is 2.5dB/km and at 1310nm is 0.6dB/km which ensures best performance at short distances. Operating temperature is rated to -20C to +70C which suits wide range of environments. MTP-8LC-UPC-OM4 MTP to 8x LC cable is manufactured with Type B crossover configuration to support 40G-QSFP-SR4 to 10G-SFP+ SR, or 100G-QSFP28-SR4 to 25G-SFP28-SR high speed Data Center applications.

MTP-8LC-UPC-OM4 patch cable is CE/RoHS certified and is compliant with product safety standards. MTP to 8x LC cable is fully compliant to ISO/IEC-61754, EN 50399 and EN 50575 specification. Consequently, compliance to above standards guarantees that MTP to 8x LC cable is intermateable with other manufacturer equipment (cables, cassettes, adapters). And as well ensures that cable jacket fully meets its material properties.

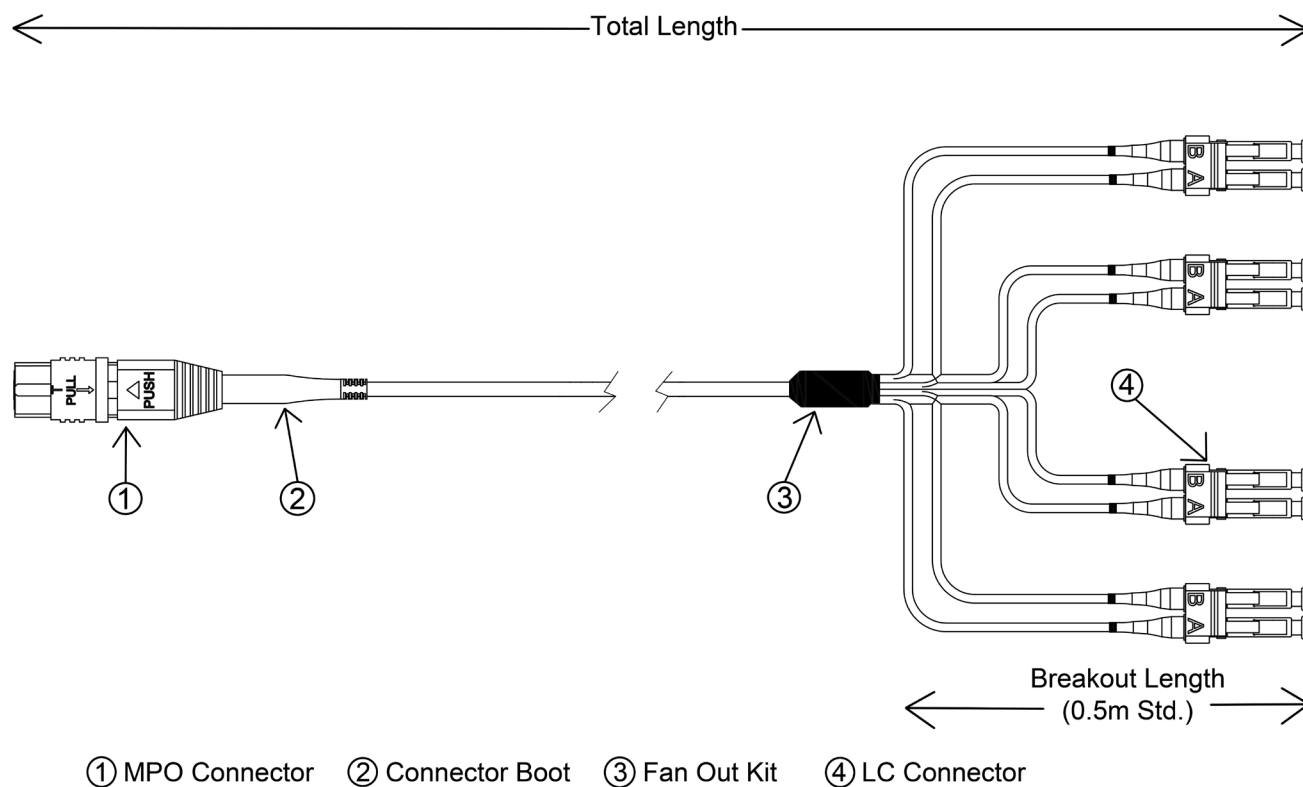


Product Specification:

General parameter	Value
Connector A:	MTP Female
Connector B:	LC Duplex Male
Polarity:	Type B
Fiber Type:	OM4 50/125um Multi-Mode Fiber (MMF)
Fiber Count:	8
Polish Type:	UPC to UPC
Jacket Diameter:	3.0mm (MPO) 2.0mm (LC)
Jacket Type:	LSZH OFNP
Wavelength:	850 1310 nm
Attenuation at 850 nm:	< 2.5 dB/km
Attenuation at 1310 nm:	< 0.6 dB/km
Insertion Loss MPO:	< 0.7 dB
Return Loss MPO:	> 25 dB
Insertion Loss LC:	< 0.3 dB
Return Loss LC:	> 50 dB
Storage Temperature:	-40°C to +85°C
Operating Temperature:	-20°C to +70°C
Installation Tensile Load:	100N
Long Term Tensile Load:	50N
Minimum Bend Radius:	7.5mm
Color:	Magenta
Breakout Length:	0.5m
Cable Length:	1m 2m 3m 5m 7m 10m 15m 20m 25m 30m 35m 40m 45m 50m



Mechanical Dimensions:



① MPO Connector ② Connector Boot ③ Fan Out Kit ④ LC Connector



Supported Versions:

PN	Description
MTP-8LC-UPC-OM4-LSZH-1	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 1 Meter)
MTP-8LC-UPC-OM4-LSZH-2	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 2 Meter)
MTP-8LC-UPC-OM4-LSZH-3	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 3 Meter)
MTP-8LC-UPC-OM4-LSZH-5	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 5 Meter)
MTP-8LC-UPC-OM4-LSZH-7	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 7 Meter)
MTP-8LC-UPC-OM4-LSZH-10	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 10 Meter)
MTP-8LC-UPC-OM4-LSZH-15	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 15 Meter)
MTP-8LC-UPC-OM4-LSZH-20	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 20 Meter)
MTP-8LC-UPC-OM4-LSZH-25	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 25 Meter)
MTP-8LC-UPC-OM4-LSZH-30	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 30 Meter)
MTP-8LC-UPC-OM4-LSZH-35	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 35 Meter)
MTP-8LC-UPC-OM4-LSZH-40	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 40 Meter)
MTP-8LC-UPC-OM4-LSZH-45	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 45 Meter)
MTP-8LC-UPC-OM4-LSZH-50	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, LSZH, Magenta, 50 Meter)
MTP-8LC-UPC-OM4-OFNP-1	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 1 Meter)
MTP-8LC-UPC-OM4-OFNP-2	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 2 Meter)



Supported Versions:

PN	Description
MTP-8LC-UPC-OM4-OFNP-3	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 3 Meter)
MTP-8LC-UPC-OM4-OFNP-5	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 5 Meter)
MTP-8LC-UPC-OM4-OFNP-7	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 7 Meter)
MTP-8LC-UPC-OM4-OFNP-10	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 10 Meter)
MTP-8LC-UPC-OM4-OFNP-15	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 15 Meter)
MTP-8LC-UPC-OM4-OFNP-20	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 20 Meter)
MTP-8LC-UPC-OM4-OFNP-25	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 25 Meter)
MTP-8LC-UPC-OM4-OFNP-30	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 30 Meter)
MTP-8LC-UPC-OM4-OFNP-35	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 35 Meter)
MTP-8LC-UPC-OM4-OFNP-40	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 40 Meter)
MTP-8LC-UPC-OM4-OFNP-45	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 45 Meter)
MTP-8LC-UPC-OM4-OFNP-50	MTP Female to 8x LC Male Fiber Optic Breakout Cable (8 Fiber, Type B, OM4 50/125um MMF, LC/UPC, OFNP, Magenta, 50 Meter)



■ Warranty:

EDGE Optic's provides a limited warranty for **sixty (60)** months from Purchaser's receipt of the Equipment represented in this data sheet against defective design or workmanship.

