

Optical Fiber Cable Assembly

With LC/LC Connectors



LC duplex connectors shown

Features and Applications

- LC/UPC to LC/UPC duplex or simplex connectors
- Single Mode (9/125um) and Multimode (50/125um) fiber options
- Premium ceramic ferrule for low insertion loss and precision alignment
- OM3 cable provides 2000MHz-km effective model bandwidth to support 300m @10Gb/s
- OM4 cable provides 4700MHz-km effective model bandwidth to support 550m @10Gb/s
- Jacket tag rings labeled 1&2 for easy identification of Tx and Rx cable connection during installation

Optical Specifications

Fiber Type	Insertion Loss	Back Reflection	Mating Durability (500cycle)	Temperature Range
50/125um multimode	0.3dB	≤ -30dB	< 0.3dB	-10 ~ 70° C
9/125um single mode	0.3dB	≤ -50dB	< 0.3dB	-10 ~ 70° C

Mechanical Specifications

Jacket Diameter	Tensile Strength	Min. bending radius	Flame Rating
2mm	90N	SM = 10mm OM3/OM4 = 8mm	Riser (OFNR)

Ordering Information

Connector 1	Connector 2	Fiber Type	Cable Config.	Length (meter)
LC	LC	S = 9/125um, SM	D=duplex	01M = 1 meter
		G = 50/125um, OM3	S=simplex	15M = 15 meter
		M4 = 50/125um, OM4		100M = 100 meter

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