

LC/UPC to LC/UPC Duplex OM2 Multimode Fiber Patch Cord

OM2 Multimode 50/125µm | Bend-Insensitive Fiber | OFCR Riser / LSZH / OFNP Plenum Rated

[Product Image: LC-LC Duplex Patch Cord]

TECHNICAL SPECIFICATIONS

Connector Type	LC to LC	Polish Type	UPC to UPC
Fiber Type	OM2 (50/125µm)	Wavelength	850 / 1300 nm
Fiber Count	Duplex (2 Cores)	Polarity	A(Tx) to B(Rx)
Fiber Grade	Bend-Insensitive	Min. Bend Radius (Cable)	20 / 10 D (Dynamic / Static)
Flame Retardant Rating	Riser (OFCR) / LSZH / Plenum (OFNP)	Tensile Strength	120 / 225 N (Long Term / Short Term)
Insertion Loss	≤ 0.3 dB	Return Loss	> 30 dB
Operating Temperature	Plenum (OFNP): 0°C to +70°C (32°F to 158°F)	Storage Temperature	-40°C to +70°C (-40°F to 158°F)
	Riser (OFNR) / LSZH: -20°C to +70°C (-4°F to 158°F)		

KEY FEATURES & APPLICATIONS

Bend-Insensitive OM2 Fiber: Ensures minimal signal attenuation under tight bends, ideal for high-density patch panels and compact cable routing.

High Tensile Load Capacity: Robust construction withstands up to 225N short-term tensile force, ensuring reliable pulling during installation.

Multiple Jacket Fire Ratings: Available in OFCR Riser, LSZH (Low Smoke Zero Halogen), and OFNP Plenum options to meet international building safety codes.

Low Insertion Loss: Precision LC/UPC connectors deliver low insertion loss (≤0.3dB) and high return loss (>30dB) for dependable 1G/10G network links.

Note: All technical data provided in this specification sheet is for reference purposes only and subject to manufacturing tolerances or customer-specific custom configurations.