






Overview

MiniConnect's LC fiber patch cord series is designed to meet the high-speed interconnection requirements of the new generation of high-speed data centers and cloud computing platforms, and is widely used in 1G to 800G optical communication transmission, AI cluster networks, high-performance computing (HPC) and switch interconnection application.

Key Features

-  Supports 1G to 800G High-Speed Applications.
-  Ideal for Data Centers AI Clusters, and HPC
-  Low Insertion Loss and High Return Loss.
-  OFNR/ LSZH Jacket RoHS Compliant
-  LC Standard Connector.
-  High Reliability and Durability.

Specification

Item	Value		
P1 Connector Type	LC Duplex		
P2 Connector Type	LC Duplex		
Polish	PC	UPC Or APC	
Fiber Type	OM4	SMF (G657A1)	SMF (G657A2)
Fiber Count	2 Strands		
Jacket Dimension	Ø 2.0 x 4.0 mm		
Jacket Shape	Duplex Zipcord		
Jacket Color	Aqua	Yellow	
Jacket Flame	Riser (OFNR) (Default) LSZH (Option)		
Operating Wavelength	850nm / 1300nm	1310nm / 1550nm	
Insertion Loss	≤ 0.20dB	≤ 0.30dB	
Reflectance	NA	≥ 50dB (LC/UPC) ≥ 60dB (LC/APC)	
Fiber Max Attenuation	2.4 (dB/km) / 0.6 (dB/km)	0.35 (dB/km) / 0.21(dB/km)	
Macro Bend Radius	30mm	10mm	7.5mm
Operation Temperature	-20°C ~ +70°C		
Storage Temperature	-20°C ~ +70°C		
Compliant	UL / CPR / RoHS		

Order Information

PN	Description
F4102-xxM	LC/PC-LC/PC Duplex Zipcord, OM4, 2F Aqua OFNR Fiber Patch Cord
F4106-xxM	LC/PC-LC/PC Duplex Zipcord, OM4, 2F Aqua LSZH Fiber Patch Cord
F4400-xxM	LC/UPC-LC/UPC Duplex Zipcord, SMF (G657A1), Yellow OFNR Fiber Patch Cord
F4403-xxM	LC/APC-LC/APC Duplex Zipcord, SMF (G657A1), Yellow OFNR Fiber Patch Cord
F4402-xxM	LC/UPC-LC/UPC Duplex Zipcord, SMF (G657A2), Yellow OFNR Fiber Patch Cord
F4405-xxM	LC/APC-LC/APC Duplex Zipcord, SMF (G657A2), Yellow OFNR Fiber Patch Cord
F4406-xxM	LC/UPC-LC/UPC Duplex Zipcord, SMF (G657A1), Yellow LSZH Fiber Patch Cord
F4409-xxM	LC/APC-LC/APC Duplex Zipcord, SMF (G657A1), Yellow LSZH Fiber Patch Cord
F4408-xxM	LC/UPC-LC/UPC Duplex Zipcord, SMF (G657A2), Yellow LSZH Fiber Patch Cord
F4411-xxM	LC/APC-LC/APC Duplex Zipcord, SMF (G657A2), Yellow LSZH Fiber Patch Cord

Note: xx is cable length, M is meter unit, other unit include FT=feet, IN=inch, KM=Milometer, MM=Millimeter.

Schematic

