

Item	Fiber Optic Patch Cord
Model NO.	10G-OM4-Patch-Cord
Description	10G-OM4 Fiber Optical Patch Cord
	

Overview

OM4 Laser-Optimized Multimode Fiber (LOMMF) "Aqua" cables, is used for 10/100Gb Ethernet applications. These new technology, 50/125um, SC/SC OM4 Fiber Optic Patch Cord , provide nearly three times the bandwidth over conventional 62.5um multimode fiber, with performance rivaling that of Singlemode cable, at a much reduced cost. LOMMF cable allows 10/100Gb serial transmission over extended distances in the 850nm wavelength window, where low-cost Vertical Cavity Surface Emitting Lasers (VCSELs) enable a cost-effective, high-bandwidth solution.

LOMMF is ideally suited for LAN's, SAN's, and high-speed parallel interconnects for head-ends, central offices, and data centers.

Features

- Designed for 10/40/100-Giga Ethernet applications, OM4 Rated
- 10/40/100gb Ethernet speed to 300 meters @850nm
- Use with VCSEL and LED laser light sources
- High-Speed, High-Bandwidth, Low-Cost
- Backward compatible with legacy LAN's
- Ideal for Fibre Channel (SAN) applications
- IEEE 802.3ae and TIA LOMMF compliant

Applications

- For use with 10/40/100-Gigabit Ethernet equipment

Specification

Patch Cord/Pigtail Spec	
Type	Multi-mode 50/125 OM4
Insertion loss	≤0.3dB
Return Loss	≥35 dB
Network Speed	10Gbps / 40Gbps / 100Gbps
Repeatability	≤0.1dB
Durability	≥1000matings
Operating Temperature	-40 °C to +80 °C
Tensile Strength(N)	≥90N (φ3), ≥70N (φ2)

Order Information

Port	Polishing	Port	Polishing	Fiber Type	Cable Type	Fiber Length	Jacket
<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FC=FC SC=SC ST=ST LC=LC MU=MU RJ=MT/RJ E2=E2000 D4=D4 FI=FDDI EN=ESCON	U=UPC A=APC	FC=FC SC=SC ST=ST LC=LC MU=MU RJ=MT/RJ E2=E2000 D4=D4 FI=FDDI EN=ESCON	U=UPC A=APC	SM=SM 9/125um M5=MM 50/125um M6=MM 62.5/125um O3=MM OM3 O4=MM OM4	S9=Simplex 0.9mm S2=Simplex 2.0mm S3=Simplex 3.0mm D2=Duplex 2.0mm D3=Duplex 3.0mm DR=Round Duplex (For MT/RJ only)	001M=1 meter 002M=2 meter 001F=1 foot 002F=2 foot	P=PVC L=LSZH

Example: SCU-SCU-SM-S2-003M-P SCU/UPC-SC/UPC SM 2.0mm 3meter PVC