

Data Center Performance

Enhanced Data Transfer with Duplex (2 Fiber) Optical Communication

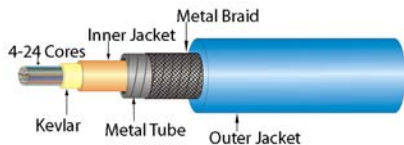
Available Duplex Options:

Bend Insensitive

Duplex patch cables designed with a low Refractive Index (RI) glass layer, providing superior bending performance without cable damage in tight closures.

Steel Armored

Light or heavy steel armored patch cables withstand the harshest indoor and outdoor environments including oil and mining areas.



Fiber Types

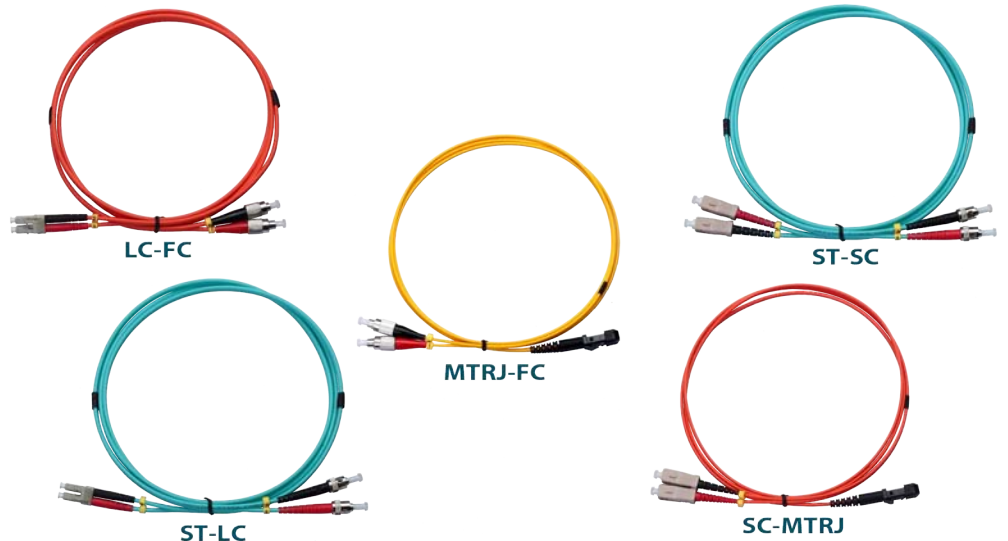
- OM4 - 50/125 10G/100G (Aqua)
- OM3 - 50/125 10G (Aqua)
- OM2 - 50/125 1G (Orange)
- OM1 - 62.5/125 1G (Orange)
- OS2 - 9/125 10G/100G (Yellow)

Application

Duplex fiber optical patch cables allow transmitting and receiving between devices along two fiber strands. Armored fiber jackets available for harsher environments and outdoor areas.

Regulatory Compliance

- US National Electric Code (NEC) Sec. 770
- UL 1581 and UL 1666
- UL 910(NFPA 262-1994) & GR-409
- JIS C5973 (SC), IEC 60874-14 and TIA/EIA-604-3A



Specifications

Specifications	Single-Mode	OM1	OM2/OM3	OM4
Core Diameter	9.2 ± 0.5 μm	62.5 ±	50 ± 2.5 μm	50 ± 2.5 μm
Cladding Diameter	125 ± 1 μm	125 ± 1 μm	125 ± 1 μm	125 ± 1 μm
Attenuation (dB/km)	1310nm≤0.4 1550nm≤0.3	850nm≤3.5 1300nm≤1.5	850nm≤3.5 1300nm≤1.5	850nm≤2.3 1300nm≤0.6
Coating Diameter	245 ± 1.0	245 ± 1.0	245 ± 1.0	245 ± 7
Cutoff Wavelength	≤1260 nm	--	≤1260 nm	≤1260 nm
Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
		2.0 mm		3.0 mm
Outer Diameter (mm)		3.90-4.30		5.30-5.80
Nominal Weight (kg/km)		8.5		13.5
Max. Tension (N)		200 ST, 100 LT		300 ST, 160 LT
Max. Crush Resistance (N/100)		1000 ST, 200 LT		1000 ST, 200 LT

Availability

- Coating/Jacket Options: Standard, Bend Insensitive, Armored (Light or Heavy)
 - Connectors (Any Combination): LC, FC, SC, ST, MTRJ, LC/APC, FC/APC, SC/APC
 - Fibers (Yellow, Orange, Aqua): Multimode, Single-Mode
 - Core: 9/125μm, 50/125μm, & 62.5/125μm
 - Insulation: Riser (PVC), Plenum, LSZH
 - Stock Lengths (meters): 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 100, 150, 200, 300, 500
- *Also available in bulk reel up to 5000m.