



STRUCTURED  
CABLING PARTNER

## FIBER OPTIC PATCH CORD

**OPTIPLUS** provides simplex and duplex fiber patch cables which alleviates cable congestion problems. Optiplus patch cords are ideal for high density applications with a variety of connector types such as LC, SC, ST, and FC etc in singlemode and multimode. They are compliant to IEEE standards for gigabit networks. Simplex fiber patch cables feature one fiber and one connector on each end. A Duplex fiber patch cable has two fibers and two connectors on both ends. The standard patch cords manufactured on 2.0mm or 2.8mm (nominal dia.).

### Features:

- Conforms to IEC, EIA-TIA or Telecordia performance requirements
- Available in different fiber types
- Available with different connector types
- Available in standard and custom lengths
- Material compliant to 2011/65/EU



### Technical Specifications:

Characteristics	Units	Simplex	Duplex
Cable Material		LSZH/PVC	LSZH/PVC
Strength Member		Aramid	Aramid
Crush	N	1000	1000
Operating Temperature	°C	-20 to +60	-20 to +60
Secondary Buffer Diameter (2.0mm and 2.8mm)	µm	900±50	900±50
Secondary Buffer Diameter (1.6mm)	µm	600±50	600±50
Minimum Bending Radius	µm	10D(Installed) 20D(Loaded)	10D(Installed) 20D(Loaded)

### Optical Characteristics (Fiber):

Type	Max. Attenuation (dB/Km)				Min. overfill Launch Bandwidth MHz-Km		Min. Gigabit Ethernet Support Distance (meters)		
							Gigabit		10 Gigabit
	850nm	1300nm	1310nm	1550nm	850nm	1300nm	850nm	1300nm	850nm
OM1 62.5/125µm	3.25	1.0			200	500	300	550	33
OM2 50/125µm	3.25	1.0			700	500	750	550	150
OM3 50/125µm	3.0	1.0			1500	500	1000	550	300
OM4 50/125µm	3.0	1.0			3500	500	1100	550	550
OS1 9/125 µm			0.40	0.30					
OS2 9/125 µm			0.40	0.30					

## Ordering Information:

PART NUMBER	DESCRIPTION	LENGTH
<b>SC-SC</b>		
OP-SCSC-XX14002	SC-SC Patch Cord	2MTR
OP-SCSC-XX14003	SC-SC Patch Cord	3 MTR
OP-SCSC-XX14005	SC-SC Patch Cord	5 MTR
OP-SCSC-XX140010	SC-SC Patch Cord	10 MTR
<b>SC-LC</b>		
OP-SCLC-XX14002	SC-LC Patch Cord	2MTR
OP-SCLC-XX14003	SC-LC Patch Cord	3 MTR
OP-SCLC-XX14005	SC-LC Patch Cord	5 MTR
OP-SCLC-XX140010	SC-LC Patch Cord	10 MTR
<b>LC-LC</b>		
OP-LCLC-XX14002	LC-LC Patch Cord	2MTR
OP-LCLC-XX14003	LC-LC Patch Cord	3 MTR
OP-LCLC-XX14005	LC-LC Patch Cord	5 MTR
OP-LCLC-XX140010	LC-LC Patch Cord	10 MTR

## Ordering Guide

JACKET	FIBER TYPE (XX)
LSZH	BM = 50/125 OM2 Multimode CM = 50/125 OM3 Multimode ES = 9/125 OS2 Singlemode



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