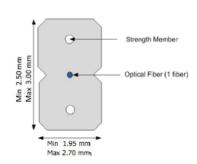


SC/APC to SC/APC PATCH CORD, SIMPLEX FLAT DROP CABLE







SC/APC to SC/APC PATCH CORD, SIMPLEX FLAT DROP CABLE

1. APPLICATION

This specification covers the general requirements for fiber optic patch cord, The cables are high grade simplex cable available LSZH. The patch cords are low insertion loss and high return loss. Good in repeatability and exchangeability. The patch cord shall be factory assembled with high quality control and 100% test Provide label for easily to identify. The patch cord shall be available length in 3, 5, and 10 meters or other.

LINK fiber optic patch cord support application such as 25/40/50/100/200/400Gbps Ethernet, IEEE802.3ae 10G Ethernet, IEEE802.3z Gigabit Ethernet, IEEE802.3u Fast Ethernet, 52/155/622Mbps , 1.2Gbps ATM, FDDI, Fiber channel, FTTx, CATV, CCTV and others.

LINK fiber optic patch cord in accordance with

ANSI/TIA-568.3-D ANSI/TIA-568-C.3 FOTP EIA/TIA-455 ITU-T G.657A (Singlemode) IEC 60332-1 RoHS Compliant ISO/IEC 11801:2017 ISO/IEC 11801:2011 (Ed.2.2) IEC 60793, IEC 60794 IEC 61300-2, IEC 61300-3 FR-LSZH

2. ORDER INFORMATION

SC/APC to SC/APC PATCH CORD, SIMPLEX FLAT DROP CABLE

LINK P/N	Description	Length (m)	Packing
UFH966SFS2-03	SC/APC to SC/APC Patch Cord, Simplex Flat Drop Cable SM, G.657A	3	1 Pc / Bag



SC/APC to SC/APC PATCH CORD, SIMPLEX FLAT DROP CABLE



3. OPTICAL FIBER

Items		Specifications	
Fiber Type		G657A	
	1310 nm	≤ 0.38 dB/km	
Max. Attenuation	1383 nm	≤ 0.35 dB/km	
	1490 nm	≤ 0.30 dB/km	
	1550 nm	≤ 0.28 dB/km	
	1625 nm	≤ 0.30 dB/km	
Core	Mode Field Diameter	8.6 ± 0.4 μm @ 1310 nm	
Cladding Diameter		125 ± 1 μm	
Coating Diameter, Primary		242 ± 5 μm	
Coating Diameter, Secondary		250 ± 5 μm	
Cladding Non-circularity		≤ 0.1 %	
Core/Cladding Concentricity error		≤ 0.5 µm	
Coating/Cladding Concentricity error		≤ 12 μm	
Zero Dispersion Wavelength		1300 ~ 1324 nm	
Zero Dispersion Slope		≤ 0.092 ps/(nm ² .km)	
Cut-off Wavelength	λο (Fiber)	1150 ~ 1330 nm	
	λ ∞ (Cable)	≤1260nm	
Proof Test Stress		100 Kpsi	
	λ; 1285~1340nm	≤ 3.5 ps/nm.km	
Chromatic Dispersion	$\lambda = 1550$ nm	≤ 18 ps/nm.km	
22	$\lambda = 1625$ nm	≤ 22 ps/nm.km	
Macro bend Attenuation 10 turns - 15 mm. Radius		≤ 0.25 dB at 1550 nm.	

Table 1 The Optical, Geometrical Performance of the Singlemode Fiber (The specification conforms to the requirement of ISO/IEC11801, ANSI/TIA-568-C.3, IEC 60793-2B1.3, G.657A)

4. PATCH CORD CONSTRUCTIONS AND MECHANICAL

The construction of the patch cord shall be in accordance with Table 3 below.

Items	Specifications	
Ferrule	Zirconia ceramic, Pre-radiused	
Boot	Thermoplastic, UL 94V-0,	
SC Housing	PBT, Thermoplastic, UL 94V-0	
Jacket	FR LSZH	
Cable Diameter(Approx.)	Flat Cable: 1.95~2.7 X 2.5~3.0 mm.	
Strength Member	Metallic	
Pulling Force	80 N	
Minimum Bending Radius	30 mm.	

Table 3 Construction and Mechanical of fiber optic patch cord.



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5. PERFORMANCE

Items		SINGLEMODE (G.557A)
Insertion Loss	Тур.	≤ 0.15 dB
	Max.	≤ 0.30 dB
Return Loss	APC	≥ 60 dB

6. TEMPERATURE RANGE

Operation Temperature
Storage/Shipping Temperature
: -40°C to 85°C
-40°C to 85°C