Premium Patch Cords

A high performance, premium range of patch cords, designed data centers, telecommunication networks and other critical applications telecommunication applications using high quality Low Smoke Zero Halogen (LSZH) cable and premium grade zirconia ferrule connectors. They fully conform to ISO/IEC, TIA/EIA and Telcordia standards..

Features

- Premium grade zirconia ferrule connectors
- Available in singlemode and multimode
- TIA/EIA, ISO/IEC and Telcordia compliant
- RoHS, REACH and SvHC compliant

Applications

- Data centres
- FTTx
- Telecommunication networks
- LAN, WAN, CATV

Specifications

CHARACTERISTICS	UNITS	SIMPLEX	DUPLEX
Cable Material		LSZH	LSZH
Strength Member		Aramid	Aramid
Crush	N	1000	1000
Operating Temperature	°C	-20 to +60	-20 to +60
Secondary Buffer Diameter (2.0mm, 2.4mm and 3.0mm)	µm	900±50	900±50
Secondary Buffer Diameter (1.6mm and 1.8mm)	µm	600±50	600±50
Minimum Bending Radius	µm	10D (installed) 20D (loaded)	10D (installed) 20D(loaded)

IMP: The Patch Cords are available in standard length of 1m, 2m, 3m, 5m, and 10m. For other lengths please contact us for the actual lead times.

Standards Compliance

OPTICAL PERFORMANCE	SINGLEMODE	MULTIMODE	CONFORMANCE
IL MAX/Master (Acceptance)	0.15dB	0.15dB	IEC 61300-3-4
Ave/Master*	0.12dB	0.08dB	IEC 61300-3-4
Ave/Random*	0.12dB	0.10dB	IEC 61300-3-34
Return Loss	55/65 dB	-	IEC 61300-3-6

MECHANICAL PROPERTIES	CRITERIA*	CONFORMANCE
Mechanical endurance	500 matings	IEC 61300-2-2
Vibration	10-55 Hz, 0.75 amplitude	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	IEC 61300-2-12
Cable retention	Magnitude 50 N	IEC 61300-2-4
Cable torsion	1.5 kg-2.5 kg for 2mm-3mm cable diameter	IEC 61300-2-5

* The change in attenuation for all the above listed criteria shall be a maximum of 0.20dB

CONNECTOR TYPE	CONFORMANCE	SINGLEMODE	MULTIMODE	SM DUPLEX	MM DUPLEX
SC connector	IEC 61754-4	SM PC – Blue APC – Green	MM PC - Beige	SM PC – Beige APC-Green with clips	MM PC-Beige with clips Boot-Red&Black
LC connector	IEC 61754-20	SM PC-Blue APC-Green Boot-White	MM PC-Beige Boot-White	SM PC-Blue APC-Green with clips Boot-White	MM PC-Beige with clips Boot-White
ST connector	IEC 61754-2	SM PC-Yellow Boot	MM PC-Black Boot	SM PC-Yellow Boot	MM PC-Red & Black Boot
FC connector	IEC 61754-123	SM PC-Blue Boot APC-Green Boot	MM PC-Black Boot	SM PC-Blue Boot APC-Green Boot	MM PC-Black Boot
E2000 connector	IEC 61754-15	SM PC-Blue Boot-Black APC-Green	MM PC-Beige Boot-Black	SM PC-Blue Boot-Black APC-Green	MM PC-Beige Boot-Black

IMP: Please note that the LC 2mm connectors will have heat shrinks to serve the purpose of cable retention. C clips will be provided for channel identification of duplex FC and ST Patch Cords.

Ordering Information

CPCP
Premium Fibre Patch Cord

Connector A	
00	LC
01	LCA
02	SC
03	SCA
04	ST
05	FC
06	FCA
07	E2
08	E2A

Connector A	
00	LC
01	LCA
02	SC
03	SCA
04	ST
05	FC
06	FCA
07	E2
08	E2A

+

Fibre Type	
9	G.652.D
1	OM1
2	OM2
3	OM3
4	OM4
A1	G.657.A1
A2	G.657.A2
R3	OM3 RBS
R4	OM4 RBS

Configuration	
1	Simplex
2	Duplex
3	Flat Duplex
1R	Simplex Riser
2R	Duplex Riser

+

Length	
01	1m
02	2m
03	3m
05	5m
10	10m
...	...
xx	Specify

Example:

CPCP-0000-R42-15 – Premium Patch Cord LC/UPC – LC/UPC OM4 RBS Duplex 2mm LSZH 15m