



Singlemode Patch Cords

High performance OS2 Singlemode patch cords, manufactured for internal applications using high quality Low Smoke Zero Halogen (LSZH) cable and low loss optimized connectors. They fully conform to ISO/IEC, TIA/EIA and Telcordia standards.

Features

- SC, LC, ST, FC and MTRJ UPC and APC connectors
- Available in simplex or duplex
- 900µm / 600 µm tight buffer
- Duplex LC and SC assemblies available with clips
- ITU-T G.652D, TIA/EIA 492 CAAB and ITU-T G.657A1 or A2 compliant
- Low smoke zero halogen (LSZH) cable
- Available in yellow colour
- REACH, RoHS and SvHC compliant

Applications

- Telecommunication networks
- FTTx
- WDM/DWDM
- Data centres
- 40/100 Gigabit Ethernet applications
- Gigabit/10G/40G/100G applications
- Legacy networks (Ethernet, Fast Ethernet, FDDI)
- Backbone, horizontal and riser applications
- Supports video, data and voice service

Specifications

Connector Specification

OPTICAL PERFORMANCE	SINGLEMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB	IEC61300-3-4
Ave/Master	0.18dB	IEC 61300-3-4
Ave/Random	0.18dB	IEC 61300-3-34
Return Loss	55/65dB	IEC 61300-3-6

Cable Specification

CHARACTERISTICS	SIMPLEX	DUPLEX
Cable Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature (°C)	-20 to +60	-20 to +60
Fire Specification	IEC 60332-1	IEC 60332-1

Fiber Specification

CHARACTERISTICS	
Attenuation (dB/km)	0.38 @ 1310nm / 0.25 @ 1550nm
Chromatic Dispersion (ps / nm x km)	3.0 @ 1310nm / 18.0 @ 1550nm

Ordering Information

	Connector A		Connector B		Fibre Type		Configuration		Length	
OPCF	00	LC	00	LC	9	G.652.D	1	Simplex	01	1m
	01	LCA	01	LCA	55	G.655	2	Duplex	02	2m
	02	SC	02	SC	A1	G.657.A1	3	Flat Duplex	03	3m
	03	SCA	03	SCA	A2	G.657.A2			05	5m
	04	ST	04	ST					10	10m
	05	FC	05	FC				
	06	FCA	06	FCA					xx	Specify
	07	E2	07	E2						
	08	E2A	08	E2A						
	09	MU	09	MU						
	10	MTRJ	10	MTRJ						

Example order code

OPCF - 01 00 - 9 2 - 05

Patch Cord LC/APC-LC/UPC Singlemode G.652.D Duplex 5m

OPCF - 02 04 - 9 1 - 10

Patch Cord SC/UPC-ST/UPC Singlemode G.652.D Simplex 10m