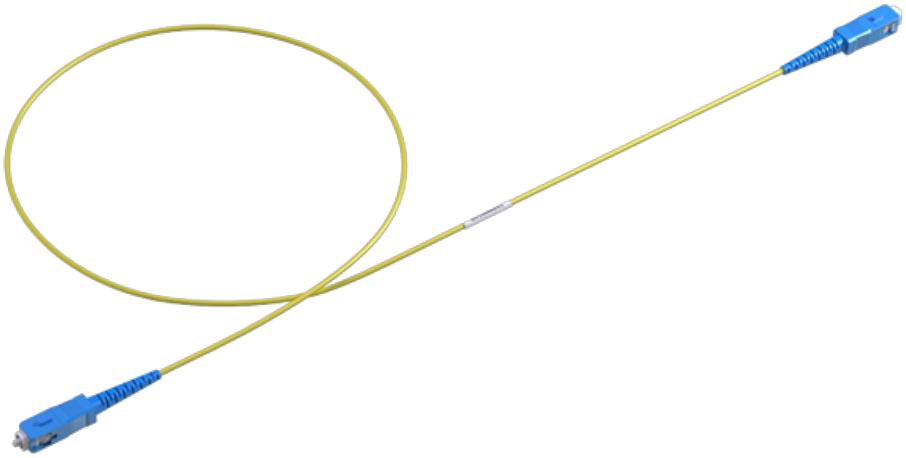

Singlemode Patch Cords

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
- to 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 services

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

CPCF
Fibre Patch Cord

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

Connector B	
00	LC
01	LCA
02	SC
03	SCA
04	ST
05	FC
06	FCA
07	E2
08	E2A
09	MU
10	MTRJ

+

Fibre Type	
9	G.652.D
55	G.655

Configuration	
1	Simplex
2	Duplex
3	Flat Duplex

+

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

Examples:

CPCF-0100-92-05 – Patch Cord LC/APC-LC/UPC Singlemode G.652.D Duplex 5m
CPCF-0204-91-10 – Patch Cord SC/UPC-ST/UPC Singlemode G.652.D Simplex 10m