OpticDigital

Fiber Patchcord

A variety type of Fiber Optic Patchcords

Overview

High performance optical patchcord ensuring performs to the highest level. Optic Digital offering an extensive range of optical pactcord for use in FTTx, telecommunications, data communications and CATV applications. All patchcords are fully qualified to RoHS Complaint. Can be supplied in a variety of lengths and with a variety of different connector types with Fiber Grade SMF: G657.A1/A2, OMI: G651

FC/PC-FC/PC   LC/PC-LC/PC

Features

- Full traceability and test certification supplied with each assembly.
- Ultra polish (UPC) supplied as standard and Angle polish (APC) also available.
- Qualify Telcordia standard and RoHS Complaint materials properties.
- Many different connector types such as FC, SC, ST, E2000, LC, DIN and others on request.
- Available in singlemode and multimode (50/125 and 62.5/125)
- Standard length supplied is 1m to 99m.
- Cable diameters available in 1.6mm, 2mm and 3mm.
- All connectors are supplied with zirconia ceramic ferrules.

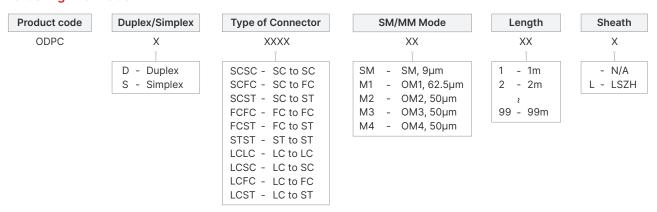SC/PC-SC/PC   SC/UPC-SC/UPC

Applications

- FTTx
- CATV
- Data Communication
- Telecommunications
- Test and measurement

Technical Data

	Singlemode (1310 / 1550nm)	Multimode (850nm)
Maximum Insertion Loss (dB)	≤ 0.3 Typical 0.2 (UPC and APC)	≤ 0.4 (UPC)
Return Loss (dB)	≥ 55 (UPC), ≥ 65 (APC)	Not measured
Intermateability	IEC 874-14	IEC 874-4
Operating temperature	-40°C to + 85°C	-40°C to + 85°C

Ordering Information

Product code	Duplex/Simplex	Type of Connector	SM/MM Mode	Length	Sheath
ODPC	X	XXXX	XX	XX	X

Duplex/Simplex:
D - Duplex
S - Simplex

Type of Connector:
SCSC - SC to SC
SCFC - SC to FC
SCST - SC to ST
FCFC - FC to FC
FCST - FC to ST
STST - ST to ST
LCLC - LC to LC
LCSC - LC to SC
LCFC - LC to FC
LCST - LC to ST

SM/MM Mode:
SM - SM, 9µm
M1 - OM1, 62.5µm
M2 - OM2, 50µm
M3 - OM3, 50µm
M4 - OM4, 50µm

Length:
1 - 1m
2 - 2m
≀
99 - 99m

Sheath:
- N/A
L - LSZH

Example
ODPCDSCSCSM-1 = Duplex SC to SC singlemode 9µm fiber patchcord in 1 meter length.
ODPCSFCFCSM-1L = Simplex FC to FC singlemode 9µm fiber patchcord in 1 meter length with LSZH jacket.