

Fibre Optic Patch Cord (Singlemode) OS1/2



ST-ST



ST-SC Duplex



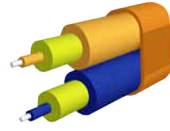
FC-FC Simplex



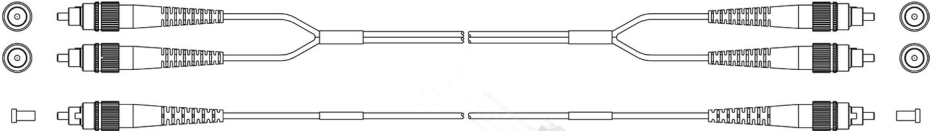
LC-LC Duplex

STRUCTURE DIAGRAM & DESCRIPTION

Singlemode optical fibre is characterised by its narrow modal dispersion (8.3 to 10 micron diameter); better retaining fidelity of light pulses and exhibiting higher bandwidth than multimode. As a result, singlemode fibre is ideal for long distance applications.



For Your Information:
All duplex patch cords are also available in flat-duplex



OPTIFAB SM PATCH CORD FEATURES

- Connector options: E2000, FC, LC, MTRJ, SC, ST and APC types
- Simplex and Duplex configuration
- Choice of cable colour and length
- Robust construction
- LSZH cable jacket
- Each patch cord supplied with test certificate and optical results

SPECIFICATIONS

Insertion Loss	Typical 0.2 dB (PC / UPC)
Return Loss	Typical 50 dB max 60 dB (APC)
Max.Tensile Load	100N/cm
Apex Offset	≤50 um, ≤100 um
Fire Performance	LSZH for outdoor/indoor
Attenuation	1300/1550 = 0.38/0.24
Fibre Spherical Height	-90 nm, +50 nm
Operating Temperature	-20°C to +70°C
Curve Radius	10 to 25mm, 5 to 15mm

Ordering Information

CABLE LENGTH	
1M	1
2M	2
3M	3
5M	5
7M	7
10M	10
15M	15
20M	20
25M	25
XX	SPECIFY

CONNECTOR END A	
LC	LC
LC/APC	LCA
SC	SC
SC/APC	SCA
ST	ST
FC	FC
MTRJ	MJ
E2000	E2
E2000/APC	E2A

CONNECTOR END B	
LC	LC
LC/APC	LCA
SC	SC
SC/APC	SCA
ST	ST
FC	FC
MTRJ	MJ
E2000	E2
E2000/APC	E2A

MODE	
OM1	62
OM2	50
OM3	OM3
OM4	OM4
OS2	09
G657A1	7A
G657A2	7A2

DUPLEX/SIMPLEX	
DUPLEX	D
SIMPLEX	S

COLOR	
ORANGE	OR
AQUA	AQ
VIOLET	EV
YELLOW	YE
YY	SPECIFY

Sample Part Number

3	LC	LC	09	D	YE
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3LCLC09DYE
3M LC-LC Singlemode Duplex Yellow