

FIBRE OPTIC PATCH CORDS

# Singlemode



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.

**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 Temp.	-40°C to +80°C
Curve Radius	10 to 25mm, 5 to 15mm



ST-ST



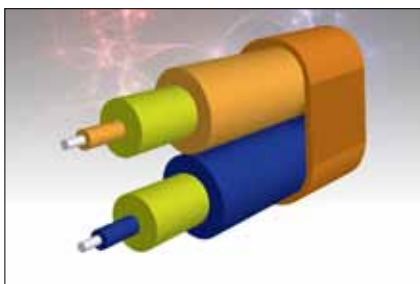
ST-SC Duplex



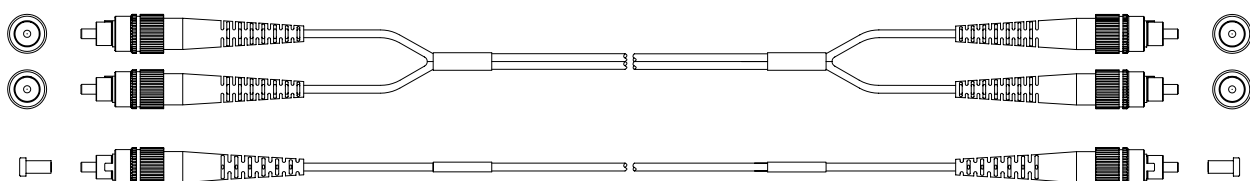
FC-FC Simplex (20m)



LC-LC Duplex



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



*All OPTiFab Patch cords are Compliant with RoHS standards*