

1727307	LC/UPC Duplex Patchcord 15mtr Yellow
1727308	LC - LC Duplex Patchcord 20mtr Yellow
1727309	LC/UPC Duplex Patchcord 7mtr - Yellow
1727310	LC/UPC - SC/UPC Duplex Patchcord 15mtr
1727311	LC/UPC - SC/UPC Duplex Patchcord 20mtr

## OS2 SM Simplex/Duplex Enhanced Patch Cord



Single mode patch cords are used for telecom networks and also used for high speed metropolitan and access network. The single mode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA or Telcordia standards. The OS2 enhanced patch cords are terminated with optimized connectors which give optimum optical performance.

### Specifications:

- FC, LC, MTRJ, MU, SC and ST connectors
- UPC and APC connectors
- Low smoke zero halogen (LSZH) jacket in yellow colour
- 900 µm or 600 µm tight buffer
- OS1/OS2 cabled fiber conforms to ITU-T G.652D, TIA/EIA 492 CAAB, ITU-T G.657A1 or A2
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)

- Different connector performance range for specific application available
- Armoured option also available
- REACH, RoHS & SvHC materials compliant

## Applications:

### Connector Specification

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

### Cable Specification CATV / Video

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 Passive

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

#### Optical Network PON

- WDM / DWDM
- FTTH
- Data centers
- Supports high speed multi-channel video, data and voice services in metropolitan and access networks
- ATM, SONET and WDM