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| 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  $\mu\text{m}$  or 600  $\mu\text{m}$  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