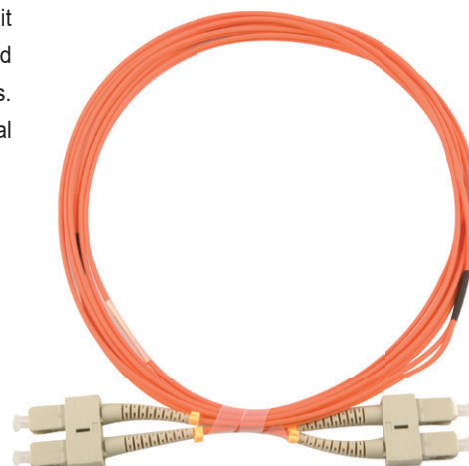


# Patch Cords

## For Data Environments

Multimode Patch Cords are used to connect high speed and legacy network like Gigabit Ethernet, Fast Ethernet and Ethernet. Our multimode Patch Cords are manufactured using LSZH and PVC cables which conform to IEC, EIA, TIA and Telecordia standards. OM1 Patch Cords are terminated with our standard connector which gives optimum optical performance.

62.5/125 (OM1)



## Features

- ✓ SC, LC, ST, FC, MU and E2000 connectors
- ✓ LSZH or PVC orange colour cable
- ✓ 900µm tight buffer
- ✓ OM1 fibre conforms to TIA/EIA 492AAAA, IEC60793-2-10
- ✓ Simplex and duplex assemblies
- ✓ Duplex assemblies available with clips (SC and LC)
- ✓ Different connector performance range for specific application

## Applications

- ✓ Gigabit Ethernet in high speed LAN networks over an indicative 275 m link length at 850 nm (SX) wavelength
- ✓ Legacy networks including Ethernet, Fast Ethernet and FDDI
- ✓ Data centers
- ✓ Premise cabling in data networks including backbone, riser and horizontal
- ✓ Support video, data and voice services

## Connector Specification

| Optical Performance        | Singlemode | Conformance    |
|----------------------------|------------|----------------|
| IL Max/Master (Acceptance) | 0.25 dB    | IEC 61300-3-4  |
| Ave/Master                 | 0.15 dB    | IEC 61300-3-4  |
| Ave/Random                 | 0.20 dB    | IEC 61300-3-34 |

## Cable Specification

| Characteristics            | Simplex      | Duplex       |
|----------------------------|--------------|--------------|
| Cable Material             | LSZH and PVC | LSZH and PVC |
| Strength Member            | Aramid       | Aramid       |
| Crush (N)                  | 1000         | 1000         |
| Operating Temperature (°C) | -20 to 60    | -20 to 60    |
| Fire Specification         | IEC 60332-1  |              |

## Fibre Specification

| Characteristics          |                            |
|--------------------------|----------------------------|
| Attenuation (dB) / km    | 3.0 @ 850nm / 0.8 @ 1300nm |
| Bandwidth OFL (MHz x km) | 200 @ 850nm / 500 @ 1300nm |



For part number generator see page 12