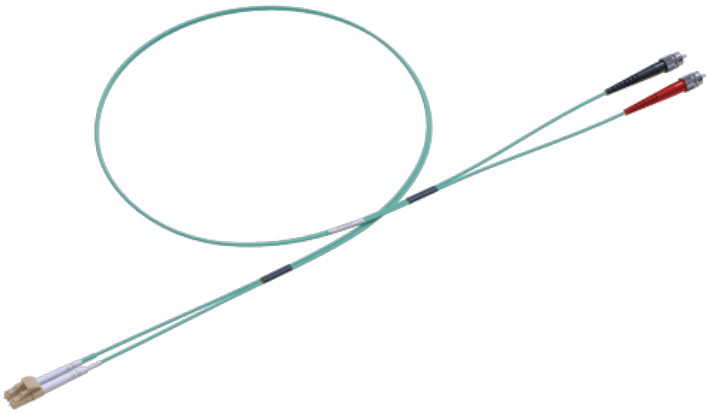

# OM3 Multimode Patch Cords

High performance OM3 multimode patch cords, manufactured for internal applications using high quality Low Smoke Zero Halogen (LSZH) cable and low loss optimized connectors. They fully conform to ISO/IEC, TIA/EIA and Telcordia standards.

## Applications

- Data centres
- 40/100 Gigabit Ethernet applications
- 10 Gigabit Ethernet (10GBASE-SR) applications (300m link)
- Gigabit Ethernet (1000BASE-SX) applications (1000m link)
- Legacy networks (Ethernet, Fast Ethernet, FDDI)
- Backbone, horizontal and riser applications
- Video, data and voice services

## Features

- SC, LC, ST, FC and MTRJ connectors
- Available in simplex or duplex
- 900µm / 600 µm tight buffer
- Duplex LC and SC assemblies available with clips
- ITU-T G.651.1, TIA/EIA 492AAAC and IEC60793-2-10 A1a.2a compliant
- Low Smoke Zero Halogen (LSZH) cable
- Available in aqua or purple colour
- REACH, RoHS and SvHC compliant

# Specifications

## Connector Specification

| OPTICAL PERFORMANCE | MULTIMODE | CONFORMANCE |
|---|---|---|
| IL Max/Master (Acceptance) | 0.25dB | IEC61300-3-4 |
| Ave/Master | 0.15dB | IEC 61300-3-4 |
| Ave/Random | 0.20dB | IEC 61300-3-34 |
| Note: Return Loss > 28dB based on sample data using method IEC 61300-3-6 | | |

## Cable Specification

| 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

| CHARACTERISTICS | |
|---|---|
| Attenuation (dB/km) | 2.8 @ 850nm / 0.8 @ 1310nm |
| Bandwidth OFL (MHz x km) | 1500 @ 850nm / 500 @ 1310nm |
| Bandwidth LEMB (MHz x km) | 2000 @ 850nm |

## Ordering Information

| PCF |
|---|
| Fibre Patch Cord |

| Connector A | |
|---|---|
| 00 | LC |
| 02 | SC |
| 04 | ST |
| 05 | FC |
| 07 | E2000 |
| 09 | MU |
| 10 | MTRJ |

| Connector B | |
|---|---|
| 00 | LC |
| 02 | SC |
| 04 | ST |
| 05 | FC |
| 07 | E2000 |
| 09 | MU |
| 10 | MTRJ |

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| Fibre Type | |
|---|---|
| 3 | OM3 |

| Configuration | |
|---|---|
| 1 | Simplex |
| 2 | Duplex |
| 3 | Flat Duplex |

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| Length | |
|---|---|
| 01 | 1m |
| 02 | 2m |
| 03 | 3m |
| 05 | 5m |
| 10 | 10m |
| ... | ... |
| xx | Specify |

## Examples:

**PCF-0000-32-05 –** Patch Cord LC/UPC-LC/UPC Multimode OM3 Duplex 5m
**PCF-0204-31-10 –** Patch Cord SC/UPC-ST/UPC Multimode OM3 Simplex 10m