

Simplex Fibre Optic Patch Cable

Description

Optronics simplex fibre optic patch cable is ideal for use in office LAN connections, patchcords, pigtails and internal point-to-point links where frequent handling is likely (e.g. data cabinets, equipment rooms, user outlets). Utilising 600µm or 900µm buffered fibre, the cable is suitable for use with industry standard connectors and can be easily made into a patchcords.

Features/Benefits

- ▶ Choice of fibre types
- ▶ Choice of cable outer diameters
- ▶ High strength aramid yarn strength members for ease of handling
- ▶ Robust 600µm tight buffered fibres for ease of termination
- ▶ Easy stripping
- ▶ LSZH jacket for internal use

Applications

- ▶ Patchcords
- ▶ Pigtails
- ▶ Internal inter-connections

Technical Specifications

| DESCRIPTION | | 1-CORE LSZH | 1-CORE LSZH | 1-CORE LSZH | 1-CORE LSZH | 1-CORE LSZH |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Outer Diameter | mm | 1.6 | 1.8 | 2.0 | 2.4 | 3.0 |
| Weight | kg/km | 2.9 | 3.2 | 3.5 | 5.0 | 6.8 |
| Max. Load (installation) | N | 80 | 80 | 100 | 100 | 150 |
| Max. Load (installed) | N | 40 | 40 | 60 | 60 | 80 |
| Min. Bend Radius (installation) | Times diameter | 20 | 20 | 20 | 20 | 20 |
| Min. Bend Radius (installed) | Times diameter | 10 | 10 | 10 | 10 | 10 |
| Fire Performance | | LSZH | LSZH | LSZH | LSZH | LSZH |
| Operating Temp. | °C | -20~+60 | -20~+60 | -20~+60 | -20~+60 | -20~+60 |
| Storage Temp. | °C | -20~+70 | -20~+70 | -20~+70 | -20~+70 | -20~+70 |
| Installation Temp. | °C | -20~+60 | -20~+60 | -20~+60 | -20~+60 | -20~+60 |
| Crush Resistance | N/100mm | 500 | 500 | 500 | 500 | 500 |

Ordering Information

| PRODUCT DESCRIPTION | PART NO. | PRODUCT DESCRIPTION | PART NO. |
|------------------------------------|-----------------------|---|-----------------------|
| OM1 62.5/125 µm Multimode | | OM3 50/125 µm Multimode | |
| 1-Core 2.0mm | OM1S1MOR2MM6-C | 1-Core 2.0mm | OM3S1MAQ2MM6-C |
| 1-Core 3.0mm | OM1S1MOR-C | 1-Core 3.0mm | OM3S1MAQ-C |
| OM2 50/125 µm Multimode | | OM4 50/125 µm Multimode | |
| 1-Core 2.0mm | OM2S1MOR2MM6-C | 1-Core 2.0mm | OM4S1MAQ2MM6-C |
| 1-Core 3.0mm | OM2S1MOR-C | 1-Core 3.0mm | OM4S1MAQ-C |
| OS1/OS2 9/125 µm Singlemode | | | |
| 1-Core 2.0mm | OS1S1MYE2MM6-C | Other diameters are available upon request. | |
| 1-Core 3.0mm | OS1S1MYE-C | | |

