



Duplex Multimode 50/125 Fibre Optic Patch Cable

- Supports longer distances with lower loss than 62.5/125 fibre for gigabit Ethernet, fibre channel, Infiniband®, ATM, and internet protocol applications
- Specifically designed for use with today's narrower aperture components, this cable is fully compatible with multimode applications
- Patented injection moulding process provides each connection greater durability in resisting pulls, strains and impacts from cabling installs
- Available in an orange jacket
- Lifetime Warranty

Duplex Multimode 50/125 Fibre Optic Patch Cable

Fibre Specifications:

- Optical Multimode 2 (OM2) fiber supporting 500 MHz.km OFL at 850/1300 nm
- Buffer Material: PVC
- Buffer OD: 900 µm
- Jacket Material: PVC (OFNR riser-rated)
- Jacket OD: 1.8 mm
- Installation Tensile Load: 100 N (445 lbs)
- Long-Term Tensile Load: 50 N (222 lbs)
- Maximum Tensile Load: 100 N/cm
- Installation (Loaded) Minimum Bend Radius: 5.0cm (1.97in)
- Long-Term (Unloaded) Minimum Bend Radius: 3.0cm (1.2in)
- Crush Resistance: 750 N/cm
- Impact Resistance: 1,000 cycles
- Flex Resistance: 5,000 cycles
- Attenuation at 1300 nm: 1.0 dB/km
- Attenuation at 850 nm: 3.5 dB/km
- Operating Temperature: -20°C to +70°C

Please Note: Attenuation testing performed in accordance with EIA/TIA-455-171A

Connector Specifications:

LC Connector:

Dimensions: 10.75mm H x 12.5mm W x 50mm D (with installed duplex clip)

Maximum Connector Loss: 0.50 dB
 Typical Connector Loss: 0.30 dB
 Typical Return Loss: -25 dB

Approvals: RoHS Compliant
 Warranty: Lifetime
 Package Type: Polybag

SC Connector:

Dimensions: 10.6mm H x 26mm W x 58mm D (with installed duplex clip)

Maximum Connector Loss: 0.50 dB
 Typical Connector Loss: 0.30 dB
 Typical Return Loss: -25 dB

Description	Length	LC-LC	LC-SC	SC-SC
Duplex Multimode 50/125 Fibre Optic Patch Cable	1m	85144	85126	85108
Duplex Multimode 50/125 Fibre Optic Patch Cable	2m	85145	85127	85109
Duplex Multimode 50/125 Fibre Optic Patch Cable	3m	85146	85128	85110
Duplex Multimode 50/125 Fibre Optic Patch Cable	5m	85147	85129	85111
Duplex Multimode 50/125 Fibre Optic Patch Cable	7m	85148	85130	85112
Duplex Multimode 50/125 Fibre Optic Patch Cable	10m	85149	85131	85113
Duplex Multimode 50/125 Fibre Optic Patch Cable	15m	85150	85132	85114
Duplex Multimode 50/125 Fibre Optic Patch Cable	20m	85151	85133	85115

