



## Duplex Single Mode Fibre Optic Patch Cable

- Cost-effective solution that provides high bandwidth and transmission rates over longer distances
- Designed for gigabit Ethernet applications
- Patented injection moulding process provides each connection greater durability in resisting pulls, strains and impacts from cabling installs
- Available in a yellow jacket
- Lifetime Warranty

# Duplex Single Mode Fibre Optic Patch Cable

## Fibre Specifications:

- Buffer Material: PVC
- Buffer OD: 900 µm
- Jacket Material: PVC (OFNR riser-rated)
- Jacket OD: 2.8 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 1550 nm: 0.25 dB/km
- Attenuation at 1310 nm: 0.35 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: -55 dB

### 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: -55 dB

### ST Connector:

Dimensions: 9.8mm H x 19.6mm W x 59mm D

Maximum Connector Loss: 0.50 dB  
Typical Connector Loss: 0.30 dB  
Typical Return Loss: -55 dB

Approvals: RoHS Compliant  
Warranty: Lifetime  
Package Type: Polybag

Description	Length	ST-ST	ST-SC	SC-SC	LC-ST
Duplex Single Mode Fibre Optic Patch Cable	1m	85351	85367	85383	85399
Duplex Single Mode Fibre Optic Patch Cable	2m	85352	85368	85384	85400
Duplex Single Mode Fibre Optic Patch Cable	3m	85353	85369	85385	85401
Duplex Single Mode Fibre Optic Patch Cable	5m	85354	85370	85386	85402
Duplex Single Mode Fibre Optic Patch Cable	7m	85355	85371	85387	85403
Duplex Single Mode Fibre Optic Patch Cable	10m	85356	85372	85388	85404

