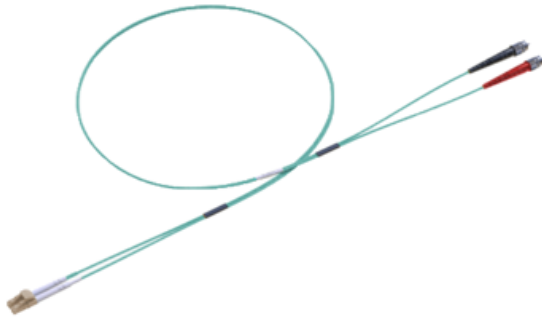




Comms Buyer Network

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Duplex/Simplex Patchcords

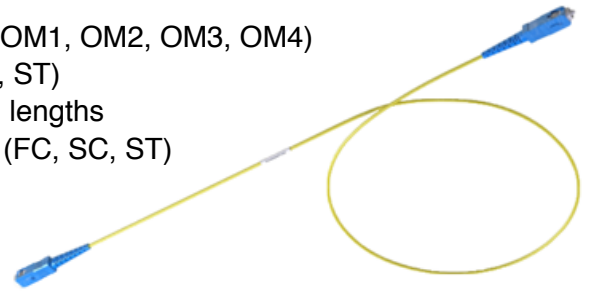


Our Standard range of patch cords provide an optimised and cost effective solution for most applications including enterprise, lan, and datacom. The patch cords provide flexible interconnection to active equipment, passive optical devices and cross-connects.

The patch cords are terminated with our optimised range of physical contact (single mode & multimode) zirconia ceramic ferrule connectors. These are manufactured with precision factory mounting and polishing techniques which helps assure high transmission quality.

Features

- Exceed IEC performance requirements
- Available in different fibre types (SM - G652D, MM - OM1, OM2, OM3, OM4)
- Available with different connector types (LC, FC, SC, ST)
- Provided in multipacks of 10 patch cords in standard lengths
- Standard cable dimensions are 2mm (LC) and 3mm (FC, SC, ST)
- REACH & SvHC compliant
- Materials compliant to RoHS (2011/65/EU)



Part Builder

FPC (S/D) # ff ff - ##

Simplex	# 9 (SM)	ff FC	## 01 (1 metre)
Duplex	6 (OM1)	LC	02 (2 metre)
	5 (OM2)	SC	05 (5 metre)
	53 (OM3)	ST	10 (10 metre)
	54 (OM4)	E2	20 (20 metre)

Applications

- Enterprise
- Datacom
- LAN and WAN
- FTTx
- Broadband Network

Mechanical Properties	Criteria	Conformance
Mechanical Endurance	500 matings	IEC61300-2-2
Vibration	10-55 Hz 0.75 amplitude	IEC61300-2-1
Drop	Drop height 1m, 5 drops	IEC61300-2-12
Cable retention	Magnitude 50N	IEC61300-2-4

Optical Performance	Singlemode	Multimode	Conformance
IL (maximum - factory tested)	0.30dB	0.30dB	IEC61300-3-4
Average/Random	0.30dB	0.25dB	IEC61300-3-34
Return Loss (Min)	50dB	20dB*	IEC61300-3-6

*Return Loss based on sample data

Characteristics	Units	Simplex	Duplex (ZIP Design)
Cable Material		LSZH	LSZH
Strength Member		Aramid	Aramid
Crush	N	1000	1000
Operating Temperature	°C	-20 - +60	-20 - +60
Minimum Bending Radius (for non-circular cables, the cable diameter is the minor dimension)	mm	100D (installed) 20D (loaded)	100D (installed) 20D (loaded)