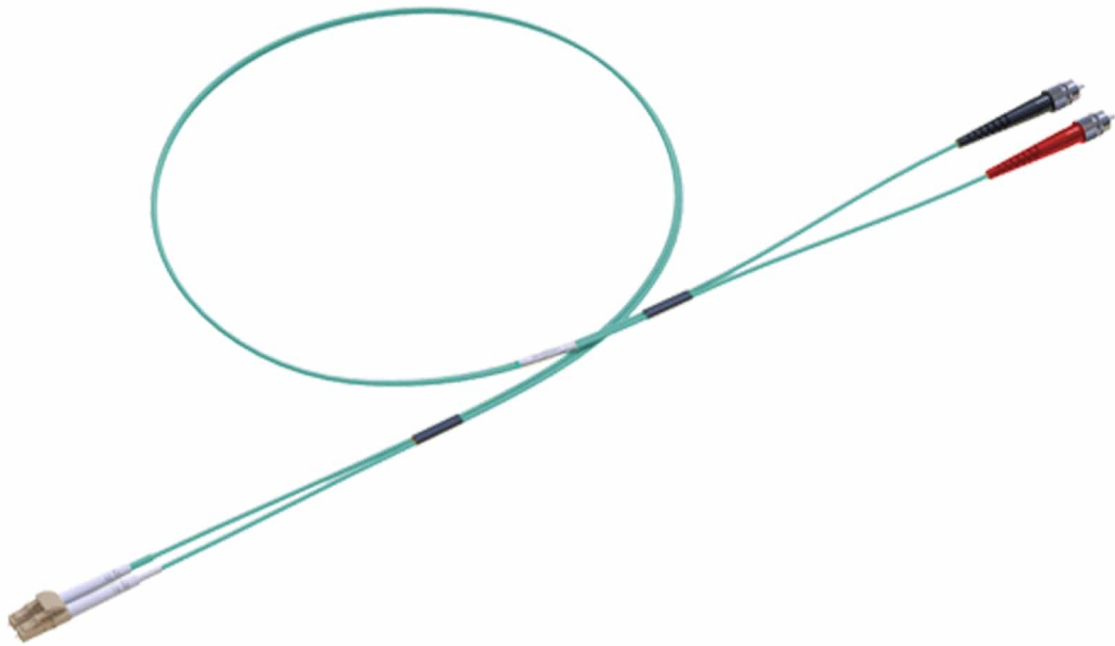


Standard Patch Cords



Description

Our Standard range of patch cords provide an optimized 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 optimized 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 and Benefits

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

Applications

- Enterprise
- LAN and WAN
- Broadband network
- Datacom
- FTTX

Specifications

OPTICAL PERFORMANCE	SINGLE MODE	MULTIMODE	CONFORMANCE
IL (maximum - factory tested)	0.30 dB	0.30 dB	IEC 61300-3-4
Average/Random	0.30 dB	0.25 dB	IEC 61300-3-34
Return Loss (Min)	50 dB	20 dB*	IEC 61300-3-6

*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 to +60	-20 to +60
Minimum Bending Radius (for non-circular cables, the cable diameter is the minor dimension)	mm	10D (installed)20D (loaded)	10D (installed)20D (loaded)

Ordering Information

Conn ector End A		Conn ector End B		Fiber Type		Cable Configura tion		Cable Colour*		Cable Diameter		Cable Length		
FC	FC	FC	FC	09	OS1/OS2	D	Duplex LSZH	YE	Yellow	2MM	2mm	001	1 meter	-S3
LC	LC	LC	LC	OM1	OM1	S	Simplex LSZH	OR	Orange	3MM	3mm	002	2 meter	
SC	SC	SC	SC	OM2	OM2			AQ	Aqua			003	3 meter	
ST	ST	ST	ST	OM3	OM3			EV	Erika Violet			005	5 meter	
				OM4	OM4							010	10 meter	
												xxx	specify	

*Note colors: YE = OS1/OS2, OR = OM1/OM2, AQ = OM3, EV=OM4

Example Part Number

LC	SC	OM3	D	AQ	2MM	005	-S3
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This part number has created a 5 meter LC to SC OM3 2mm Aqua LSZH duplex patch cord. Note: For single mode APC products please see our enhanced product range data sheets

Additional Information

MECHANICAL PROPERTIES	CRITERIA	CONFORMANCE
Mechanical endurance	500 matings	IEC 61300-2-2
Vibration	10-55 Hz, 0.75 amplitude	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	IEC 61300-2-12
Cable retention	Magnitude 50 N	IEC 61300-2-4

Related Products

