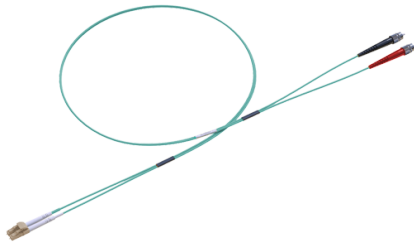


Standard Patch Cords



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/BENEFITS

- Exceed IEC performance requirements
- Available in different fiber 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 2 mm (LC) and 3 mm (FC, SC, ST)
- REACH & SvHC compliant
- Materials compliant to RoHS (2011/65/EU)

APPLICATIONS

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

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)

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

ORDERING INFORMATION

Connector End A	Connector End B	Fiber Type	Cable Configur- ation	Cable Colour*	Cable Diameter	Cable Length	
FC	FC	09 OS1/OS2	D Duplex LSZH	YE Yellow	2MM 2mm	001 1 meter	-S3
LC	LC	OM1 OM1	S Simplex LSZH	OR Orange	3MM 3mm	002 2 meter	
SC	SC	OM2 OM2		AQ Aqua		003 3 meter	
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



SCAN QR FOR PRODUCT PAGE

FURTHER INFORMATION

- For additional information please contact your sales representative
- To view the product 360 visit the product page (Scan the QR code or visit the link below)
- Downloaded from <https://www.aflhyperscale.com/product/standard-patch-cords>
- AFL Hyperscale reserves the right to make changes in this datasheet at any time without notice
- Information in this document is correct as of November 21, 2018

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