

Product Datasheet

Armoured Patch Cords

Armoured patch cords are used in customer premises, central offices and in harsh environments. The patch cords provide flexible interconnection to active equipment, passive optical devices and cross-connects. Armoured patch cords are constructed with an helical stainless steel tape over a buffered fibre surrounded by a layer of aramid and stainless steel mesh with an outer jacket.

Our patch cords are terminated with our standard range of connectors, all quality tested to meet our and international standards.



Further images available on request

Features

- SC, LC, ST and FC connectors
- Available in low smoke zero halogen (LSZH) jacket
- Conforms to IEC, EIA-TIA or Telcordia performance requirements
- Available in different fibre types
- Available in standard and custom lengths
- REACH, SvHC and RoHS materials compliant

Applications

- CATV / VIDEO
- Passive Optical Network PON
- FTTX
- ATM, SONET and WDM
- Military applications

Specification

Connector Specification

OPTICAL PERFORMANCE	SINGLEMODE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB	0.25dB	IEC 61300-3-4
Ave/Master	0.18dB	0.2dB	IEC 61300-3-4
Ave/Random	0.18dB	-	IEC 61300-3-34
Return Loss Singlemode UPC/APC	55/65 dB	-	IEC 61300-3-6

Fibre Specification

CHARACTERISTICS	
Attenuation (dB/km) Singlemode	0.38@1310nm / 0.25 @1550nm
Chromatic Dispersion (ps/nm x km) Singlemode	3.0 @ 1310nm / 18.0 @1550nm
Attenuation (dB/km) Multimode	2.8@850nm / 0.8 @1300nm

Cable Specification

CHARACTERISTICS	SIMPLEX	DUPLEX
Cable Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush (N) short term	3000	3000
Crush (N) long term	200	200
Operating Temperature (°C)	-20 to 60	-20 to 60
Fire Specification	IEC 60332-1	IEC 60332-1

Ordering Information

Connector End A		Connector End B		Mode		Cable Configuration		Cable Colour		Cable Length		
FC	FC	FC	FC	09	OS1/OS2	S	Simplex 3mm	BL	SM Blue	1	1 metre	/ARM
FCA	FC APC	FCA	FC APC	62	OM1	D	Duplex 3.3mm	GY	OM1/OM2 Grey	2	2 meter	
SC	SC	SC	SC	50	OM2			AQ	OM3/OM4 Aqua	3	3 meter	
SCA	SC APC	SCA	SC APC	OM3	OM3					5	5 meter	
ST	ST	ST	ST	OM4	OM4					10	10 meter	
LC	LC	LC	LC							xx	Specify	

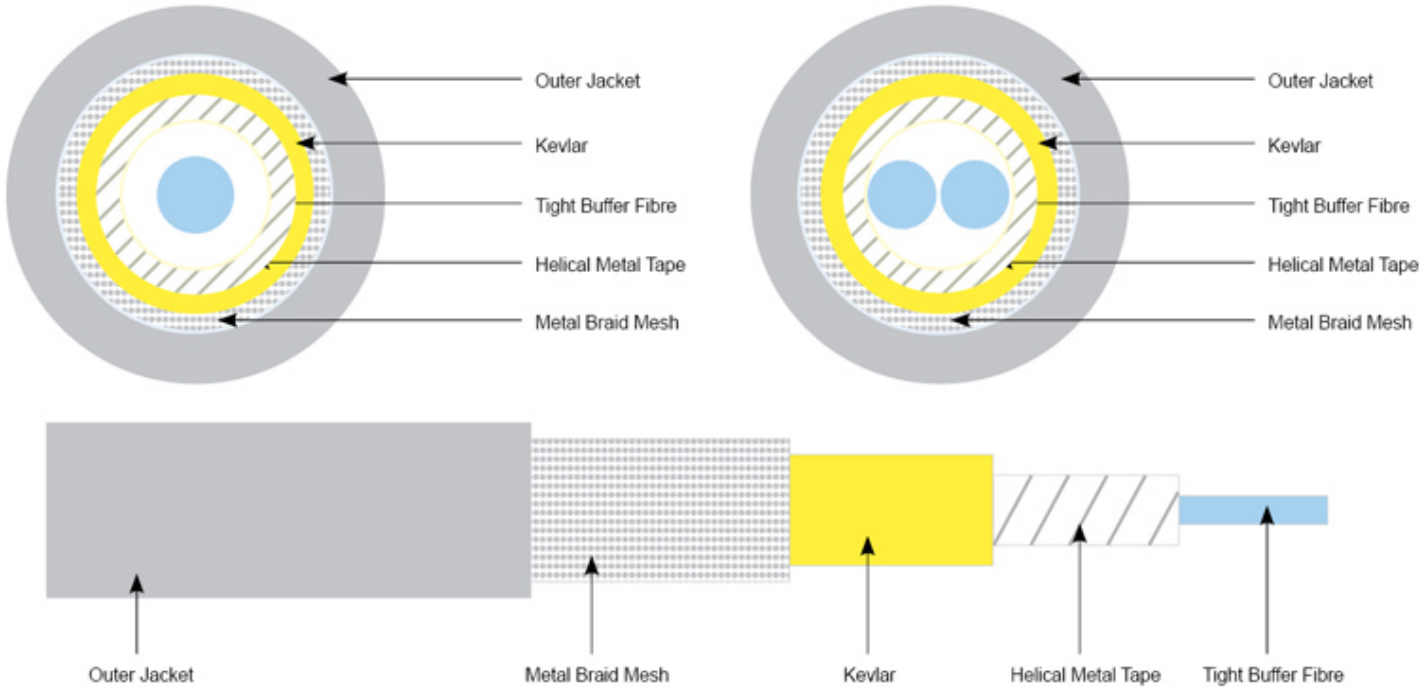
Example Part Number

This part number has created a 3 metre simplex FC to SC OM4 armoured patch cord in aqua.

Technical Drawing

Simplex Patch cord Armoured

Duplex Patch cord Armoured



Further Information

- Information correct as of November 30, 2015