

Enhanced Armoured Patch Cords

Enhanced armored patch cords are used in customer premises, central offices and in indoor harsh environments. The patch cords provide flexible interconnection to active equipment, passive optical devices and cross-connects. Armored patch cords are constructed with an helical stainless steel tape over a buffered fiber surrounded by a layer of aramid and stainless steel mesh with an outer jacket. Our patch cords are terminated with our optimized range of connectors, all quality tested to meet our and international standards.



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 fiber types
- Available in standard and custom lengths
- REACH, SvHC and RoHS materials compliant

Applications

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

Specifications

Connector Specification

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

Fiber Specification

CHARACTERISTICS	
Attenuation (dB/km) Single mode	0.38 @ 1310 nm / 0.25 @1550 nm

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

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

Code	Fibre Type	Cable Type	Color	Code	End A	End B	Code	Unit	Length
P	1 OM1	FE1L ARM Simplex	2 ORANGE	E	A LC	A LC	-0000-	M Meters	1 1
	2 OM2	FE2L ARM Duplex	5 GREY		D SC	D SC		F Feet	2 2
	3 OM3		9 YELLOW		E SCA	E SCA			3 3
	4 OM4		C AQUA		H FC	H FC			5 5
	7 G.657A1				J FCA	J FCA			10 10
					K ST	K ST			XX Specify

Standard Colors - OM1 = Grey, OM2 = Orange, OM3= Aqua, OM4 = Aqua and G657.A1 = Yellow