



Armoured Patch Cords

Enhanced armoured patch cords, constructed with a helical stainless steel tape over a buffered fibre surrounded by a layer of aramid and stainless steel mesh with an outer Low Smoke Zero Halogen (LSZH) jacket. They are used in outdoor applications in customer premises, central offices and in harsh environments.

Features

- Easy installation
- Available with SC, LC, ST and FC connectors
- Available in different fibre types and custom lengths
- Low Smoke Zero Halogen (LSZH) jacket
- IEC, TIA/EIA and Telcordia compliant
- REACH, SvHC and RoHS compliant

Applications

- Harsh environment applications
- Military applications
- FTTx
- LAN and WAN
- Broadband network
- PON
- CATV / VIDEO

Specifications

Connector Specification

OPTICAL PERFORMANCE	SINGLEMODE	MULTIMODE
IL Max/Master (Acceptance)	0.30dB	0.20dB
Ave/Master	0.18dB	0.2dB
Ave/Random	0.18dB	-
Return Loss Singlemode UPC/APC	≥50/65 dB	NA

Fibre Specification

CHARACTERISTICS

Attenuation (dB/km) Singlemode	0.40 @ 1310nm / 0.30 @ 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
Tensile (N) long term	200	200
Tensile (N) short term	400	400
Crush (N) long term	1000	1000
Crush (N) short term	3000	3000
Impact	1 N.m, additional att≤0.1dB, sheath no crack	
Bend radius	Dynamic 20D Static 10D	
Torsion	40 N, 10cycles, ±180°, additional att≤0.4dB, sheath no crack	
Temperature (°C)	-45 to +85	-45 to +85
Fire Specification	IEC 60332-1	IEC 60332-1
Salt spray	35±2 °C, 48 h, brine concentration 5%, Appearance without exception, steel pipe without rust marks	

Ordering Information

	Connector A		Connector B		Fibre Type		Configuration		Length		Cable Type	
	Code	Connector	Code	Connector	Code	Fibre	Code	Configuration	Code	Length	Code	Type
OPCF	00	LC	00	LC	9	G.652.D	1	Simplex	01	1m	A	Armoured
	01	LCA	01	LCA	1	OM1	2	Duplex	02	2m		
	02	SC	02	SC	2	OM2			03	3m		
	03	SCA	03	SCA	3	OM3			05	5m		
	04	ST	04	ST	4	OM4			10	10m		
	05	FC	05	FC						
	06	FCA	06	FCA					xx	Specify		

Example order code

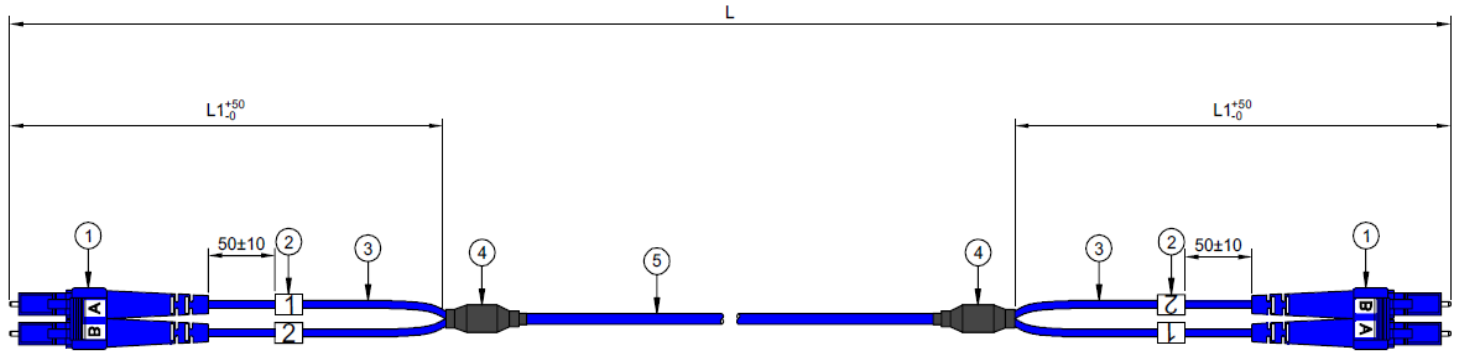
OPCF - 01 00 - 9 2 - 05 - A

Patch Cord LC/APC-LC/UPC Singlemode G.652.D Duplex Armoured 5m

OPCF - 02 04 - 4 1 - 10 - A

Patch Cord SC/UPC-ST/UPC Mutlimode OM4 Simplex Armoured 10m

Technical Drawing



Length(L)	Tolerance
$\leq 3m$	+150 -0
$3m < L \leq 30m$	+300 -0
$> 30m$	+1% -0