

# Ruggedised Fibre Optical Patchcords



OPC-ABCDEFGHIJKL

## Application

Suitable for Local Area Networks, Data Centre, CATV, Telecommunication and Video Applications as well as 3G and 4G deployment.

## Product Picture



## Environmental Conditions

Relative Humidity (Operational)	Maximum Non Condensing <85%	
Temperature	Storage	-40 to +70°C
	Operational	-20 to +70°C

## Fibre Optical Characteristics

Characteristic	SM/MM			
Connector Interface	FC/SC/ST/LC			
Characteristic	Singlemode			Multimode
Polishing grade	PC	UPC	APC	PC
Insertion loss	<0.35dB	<0.30dB	<0.30dB	<0.35dB
Return loss	>45dB	>50dB	>65dB	>25dB
Interchangeability	<0.2dB			
Repeatability	<0.2dB			

## Physical Characteristics

Sheath Material	Polyvinyl Chloride (PVC) or Halogen Free Flame Retardant (HFFR)
Outer Diameter	7.0mm
Break Out Length	180mm +/- 20mm (Can be customized)
Long Term Tensile	200N (Fibre Stress Strain <0.2%)
Short Term Tensile	400N (Fibre Stress Strain <0.4%)
Long Term Crush	1100N
Short Term Crush	2200N

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## OPC-ABCDEFGHIJKL

### Ordering Information

AB	CD	EF	GH	I	JKL
Fibre Type:	Connector:	Connector:	Cable Type:	Cable Material:	Cable Length:
SM=G652d	For SM:	For MM:	71= SX 7.0mm	P=PVC	005 = 0.5m
LB=G657A	CU=SC/UPC	FC=FC	72= DX7.0mm	H= Halogen Free	010= 1.0m
O1=OM1	CA=SC/APC	SC=SC			100= 10m
O2=OM2	LU=LC/UPC	ST=ST			
O3=OM3	LA=LC/APC	LC=LC			
O4=OM4	FU=FC/UPC				
	FA=FC/APC				
	SU=ST				

### OPT-ABCDEFGHIJKL

Example: **OPT-SMLALA72H300** , A Single Mode LC/APC to LC/APC Duplex 7.0mm Cable, Halogen Free Sheath and 30m long

### Reference Standards

ANSI/TIA/EIA-568-C3	ITU Standards
ISO 11801	IEC60332-1
IEC 60754-1 & 2 (LSZH only)	IEC 61034 (LSZH only)
RoHS directives	