

Optic Fiber Patch Cord Armored Series

Applications:

- Video
- CATV Line
- Active Device Termination
- Premise Installations
- Telecommunication Networks
- Local Area Networks (LANs)
- Data processing networks
- Wide Area Networks (WANs)
- Industrial, medica & military

Features:

- Simplex or duplex or multicore
- PC or APC end-face finishing
- Single mode or Multimode
- 3.0mm、4.5mm or 6.0mm
- RJ-45 style housing with push-pull coupling mechanism
- Compliant with Telcordia GR-326-CORE specification

Description:

HiPhotonics Fiber optic patch cord are used for linking the equipment and components in the fiber optic network. They are with various kinds of fiber optic connector types. the fiber optic patch cord types are classified by the fiber optic connector types. For example, we name FC fiber optic patch cord because this cable is with FC fiber optic connector. There are UPC, APC type fiber patch cord. They are different because of the polish of fiber connectors.

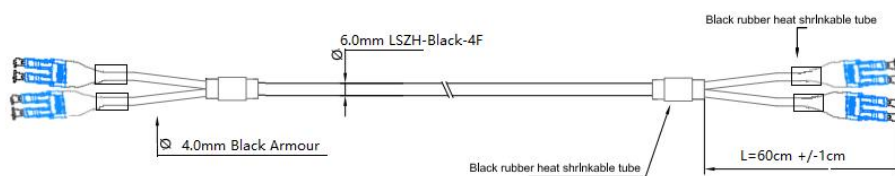
Fiber optic patch cord are with Armored of cables, PVC, Riser, Plenum, OFNR, OFNP, LSZH (LSOH), 10 Gig Aqua. There are simplex, duplex and multi fiber cable assemblies, and there are ribbon fan out fiber cable assemblies and bundle fiber optic cable assemblies. Typical fiber optic patch cord cable diameter can be 3.0mm, 4.5mm, or 6.0mm.



Specifications:

Parameters	Test Condition	Value (dB)	
		Multimode	Single mode
Insertion Loss	0.85/1.3um or 1.31/1.55um	≤0.3	≤0.3
Return Loss	0.85/1.3um or 1.31/1.55um	≥35	≥50 (APC≥60)
Interchangeability	Connect Randomly	<0.2	<0.2
Vibration	5~50Hz, 1.5mm Amplitude	<0.1	<0.1
Tensile Strength	0~15Kgf (0.9mm Exception)	<0.1	<0.1
High Temperature	+85°C, During 100 Hours	<0.2	<0.2
Low Temperature	-40°C, During 100 Hours	<0.2	<0.2
Temperature Cycle	-40°C~+85°C, during 5 Cycles	<0.2	<0.2
Humidity	+25°C~+65°C, 93%R. H, 100 hours	<0.2	<0.2

Drawing:

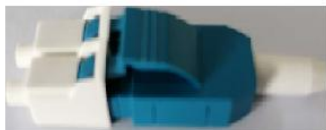


1, Patchcord Length

Length(m)	Tolerance(m)
0<L<1.0	±0.05
1.0m ≤ L < 20m	±0.10
20m ≤ L	±1% x L

2, Connector Test Specifications

Parameters	Specifications
	LC/PC
Insertion Loss	≤0.30dB
Return Loss	—
Durability(1000Mating)	0.2dB Max. Increase
Operating Temperature	-40°C~70°C
Storage Temperature	-40°C~70°C



Ordering Information:

HAPC-①-②-③-④-⑤

① Wavelength

MM=850nm
SM=1310&1550nm
OM31=OM3-LT150
OM33=OM3-LT300
OM4=OM4
OM5=OM5
.....

② Cable Core

1C=1 Core
2C=2 Core
4C=4 Core
.....

③ Cable Type (OD)

2=2 mm
3=3 mm
.....

④ Cable Length

5=5 m
10=10 m
.....

⑤ Connector Type

F= FC/UPC
FA= FC/APC
S= SC/UPC
SA= SC/APC
L= LC/UPC
LA= LC/APC
M= MPO
.....