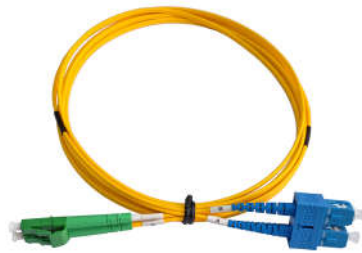


Sales Catalog of HNK Telecommunication Products

Fiber Optic Patch Cord

Standard Fiber Optic Patch Cord Series

Our offers a wide range of patch cords, designed and manufactured for demanding network applications. It comprises of multimode and singlemode. Both ends are terminated with a high-performance hybrid or single type connector comprising of a SC, ST, FC, LC, MU, MTRJ, E2000, DIN, D4 connector in simplex and duplex.



Standards Compliance

- Telcordia (formerly Bellcore) GR-326-CORE Generic requirements for Single mode optical connectors and Jumper assemblies.
- IEC 874-1 Generic specification for fiber optic connectors and cables
- ANSI/TIA-568-C.3, ISO/IEC 11801 2nd Ed., CENELEC EN 50173, UL94V-0
- Cable flame resistant rate: OFNR or IEC60332-3 standard



Features

- 100% tested on optical performance (insertion loss & return loss).
- Standard color is yellow, orange, aqua or purple, other colors available upon request.
- Cable outer jacket available in PVC, LSZH (low smoke zero halogen).
- PC, UPC, APC connectors polishing type available.
- High concentricity 2.5mm ceramic ferrule for FC, ST, SC connectors and 1.25mm ceramic ferrule for LC and MU connectors.
- Available in G652D, G657A1, G657A2, OM1, OM2, OM3 and OM4 fiber.
- Duplex patch cord connectors with position A/B marking.
- Customer specified patch cord length.
- Available in 0.9mm, 1.6mm, 1.8mm, 2.0mm, 3.0mm sizes in simplex and duplex.



Mechanical, Environmental & Material Data

Range of Mode	Singlemode or Multimode	Cable Type	Simplex or Duplex (Zip Cord)
Connector Style	SC, FC, ST, LC, MU, MTRJ, E2000, DIN, D4	Cable Diameter	0.9mm, 1.6mm, 1.8mm, 2.0mm, 3.0mm
Polish or Ferrule Interface Type	PC, UPC, APC	Strength Member	Aramid Yarn
Cable Lengths	Standard & Custom Lengths	Outer Jacket	PVC or LSZH
Cable Assembly Length (<15 Meter Tolerance)		-0/+100mm	
Cable Assembly Length (>15 Meter Tolerance)		-0/+10%	
Jacket Color (Multimode: OM1 & OM2)		Orange	
Jacket Color (Multimode: OM3)		Aqua	
Jacket Color (Multimode: OM4)		Aqua or Purple	
Jacket Color (Single Mode: G652D & Gb57A)		Yellow	
Durability		500 cycles (0.2 dB max increase), 1000 mate/demate cycles	
Operating Temp	-25 °C to +70 °C/+85 °C (armoured)	Storage Temp	-40 °C to +85 °C



Sales Catalog of HNK Telecommunication Products

Fiber Optic Patch Cord

Optical Performance Data

Item	Single mode			Multimode		
	PC	UPC	APC	62.5/125	50/125	50/125 10G
Insert Loss/connector (single Fiber)	0.2dB Max. (0.15dB typ.)			0.3dB Max. (0.25dB typ.)		
Return Loss	≥45 dB	≥50 dB	≥60 dB	N.A		
Insert Loss/MTRJ Connector	0.5dB Max. (0.45dB typ.)			0.5dB Max. (0.45dB typ.)		
Pull Strength	≥98N			≥98N		

Ordering Information

Using the available configurations amend/create product codes using the formula below.

Part Number: **PC-AA-BB-CDEFGCL**

Ordering Guide

AA	BB	C	D	E	F	G	CL
Connector Type	Connector Type	Fiber Type	Fiber Count	Boot fit for cable diameter	Length	Jacket Materia	Jacket Color(CL)
FP, SP, SA, LP	FP, SP, SA, LP	OM1=62.5/125 OM1 OM2=50/125 OM2 OM3=50/125 OM3 OM4=50/125 OM4 G652D=9/125 G652D G657A1=9/125 G657A1 G657A2=9/125 G657A2	SX=Simplex DX=Duplex	09=0.9mm 16=1.6mm 20=2.0mm 30=3.0mm	0015=1.5M 0200=20M	1=PVC 2=LSZH	As noted in Color code chart

Connector Type Code

Code	Connector	Code	Connector	Code	Connector	Code	Connector
FP	FC/PC	FA	FC/APC	LP	LC/PC	LA	LC/APC
SP	SC/PC	SA	SC/APC	TP	ST/PC	TA	ST/APC
MU	MU	DN	DIN	MT	MTRJ	E2	E2000

Color Code

BL - Blue	OR - Orange	GR - Green	BR - Brown
GY - Gray	WH - White	RE - Red	BK - Black
YE - Yellow	PU - Purple	PI - Pink	AQ - Aqua

Note: Yellow Jacket for SM, Orange Jacket for OM1~OM2, Aqua Jacket for OM3 and Purple Jacket for OM4. (other colors may be available upon request).

Ordering Sample

Part Number	Description
PC-SP-LA-G652DSX3000302YE	SC/PC-LC/APC Fiber Optic Patch Cord, Singlemode G652D, Simplex, 3.0mm, LSZH, Yellow, 3M.