

Sales Catalog of HNK Telecommunication Products

Fiber Optic Patch Cord

4~8 Cores Parallel Ribbon Cable Fiber Optic Patch Cord

The parallel ribbon cable is composed of a set of simplex optical cable parallel to each other, bonded together forming a ribbon-like structure. These simplex optical cables are constructed with 900µm buffered fiber, aramid yarn with in the outer jacket.

Parallel ribbon cable patch cord is really helpful in situations where you need to make a lot of connections without a big mess of optical patch cords. Nothing makes a project look more finished than a nice clean wiring harness.



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).
- 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.
- Connectors with number label to identify.
- Supports multiple fiber signals running parallel to each other on the same flat surface.
- Space-saving, higher-density wiring than conventional patch cord



Mechanical Data

Range of Mode	Singlemode or Multimode	Outer Jacket	PVC or LSZH
Connector Style	SC, FC, ST, LC, MU, MTRJ, E2000, DIN, D4	Cable Diameter	4F (8.4x2.0mm) 8F (16.8x2.0mm)
Polish or Ferrule Interface Type	PC, UPC, APC	Cable Lengths	Custom Lengths

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		
Pull Strength	≥98N			≥98N		