

Fiber Optic Patch Cord

6 Cores GYFTY All Dielectric Cable Patch Cord

The GYFJH cable has excellent UV-stabilized and water blocking performance for outdoor duct application or Indoor / Outdoor application. The cable combines robust characteristics of outdoor cable and flexibility of indoor cable. By installing this cable, costly splice at building entry can be avoided and cable can be routed from outside plant to telecommunication closets or main distribution frames (MDF) through the riser of building.

This kind of cable is usually used as patch cord or pigtails in interconnect line of equipment and used as interconnect lines in different buildings. 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 connector.



The Bronze Connector Crimpt and Sealed to Fiber Cable for Water Proofing and Connection Streight.

Complied with or Exceeds Standard

- Telcordia GR-326-CORE Generic requirements for Single mode optical connectors and Jumper assemblies.
- IEC 874-1 Generic specification for fiber optic connectors and cables
- Comprehensive wiring standard: ANSI/TIA-568-C.3, ISO/IEC 11801 2nd Ed., CENELEC EN 50173,
- Cable flame resistant rate: OFN or IEC60332-3 standard
- RoHS Compliant Directive 2011/65/EU

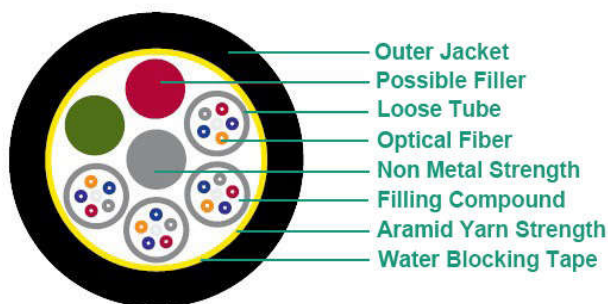
Features

- 100% tested on optical performance (Insertion Loss & Return Loss).
- 4, 6, 8 and 12 cores are available, singlemode or multimode fiber types optional.
- Various kinds of connect interfaces optional such as LC, SC, FC, ST, etc.
- will be produced to different kind of connectors and different length according to the construction need.
- Good mechanical, tensile strength, rodent, ultraviolet and environmental protection, suit for outdoor and harsh environment.



The Fiber Finished in 900µm Buffer and Terminated with SC/APC Connector.

Cable Structure



The cable is constructed with FRP central strength member, two layer tubes with jelly compound for double water blocking, aramid yarn strength member for better tensile strength and rodent protection, PE outer jacket.



Mechanical, Environmental & Material Data

Items	Specifications	Items	Specifications
Fiber Type	Singlemode or Multimode	Connector Style	SC, FC, ST, LC
Polish or Ferrule Interface Type	PC, UPC, APC	Cable Lengths	Custom Lengths
Fiber Count	4,6,8,12	Branch Cable Lengths	Custom Lengths
Cable Parameter			
Outer Jacket Material	PE	Outer Jacket Color	Black
Strength Member	FRP	Outer Jacket Diameter(mm)	11.5±0.1
Crush (Long term)	300 N/100mm	Crush (Short term)	1000 N/100mm
Min. Bend Radius (Dynamic) mm	20D	Min. Bend Radius (Static) mm	10D
Min. Load (Long term)	600N	Min. Tensile Load (Short term)	1500N
Storage Temperature(°C)	-40°C to 75°C	Operating Temperature(°C)	-40°C to 75°C



Sales Catalog of HNK Telecommunication Products

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Optical Characteristics

Fiber Type	Max. Attenuation (dB/km)				Min. Overfill Launch Bandwidth (Mhz.km)		Min. Link Distance (m)		
							1000 BASE-SX	10G BASE-SR	40&100Gigabit Ethernet
	850nm	1300nm	1310nm	1550nm	850nm	1300nm	850nm	850nm	850nm
OM1 62.5/125μm	≤2.7	≤0.6	-	-	≥200	≥600	500	-	-
OM2 50/125μm	≤2.4	≤0.6	-	-	≥700	≥500	750	150	-
OM3 50/125μm	≤2.4	≤0.6	-	-	≥1500	≥500	1000	300	100
OM4 50/125μm	≤2.4	≤0.6	-	-	≥3500	≥500	1100	550	150
OM5 50/125μm	≤2.4	≤0.6	-	-	≥3500	≥500	1100	600	200
G652D 9/125μm	-	-	≤0.32	≤0.18	-	-	-	-	-
G655 9/125μm	-	-	-	≤0.22	-	-	-	-	-
G657A1 9/125μm	-	-	≤0.35	≤0.21	-	-	-	-	-
G657A2 9/125μm	-	-	≤0.35	≤0.21	-	-	-	-	-
G657B3 9/125μm	-	-	≤0.35	≤0.21	-	-	-	-	-

Optical Performance Data

Item	Single mode			Multimode		
	PC	UPC	APC	62.5/125	50/125	50/125 10G
Insert Loss/connector	0.2dB Max. (0.15dB typ.)			0.3dB Max. (0.25dB typ.)		
Return Loss	≥45 dB	≥50 dB	≥60 dB	PC≥35dB		

Ordering Information

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

Part Number: **GYFTYPC-AA-BB-CDEF**

Ordering Guide

AA	BB	C	D	E	F
Connector Type	Connector Type	Fiber Capacity	Fiber Type	Cable Length	Branch Cable Length
FP, SP, SA, LP	FP, SP, SA, LP	04=4 Fibers 06=8 Fibers 08=8 Fibers 12=12 Fibers	OM1=62.5/125 OM1, OM2=50/125 OM2 OM3=50/125 OM3, OM4=50/125 OM4 OM5=50/125 OM5, G652D=9/125 G652D G655=9/125 G655, G657A1=9/125 G657A1 G657A2=9/125 G657A2, G657B3=9/125 G657B3	003=3M 020=20M 100=100M	02=0.2M 10=1M

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

Ordering Sample

Part Number	Description
GYFTYPC-SA-SA-06G652D3005	6 Cores SC/APC-SC/APC GYFTY Type Cable Patch Cord, Singlemode G652D, 30M, Branch Cable 0.5M.