

**Sales Catalog of HNK Telecommunication Products
Fiber Optic Patch Cord**

Outdoor Double Sheathed Simplex Fiber Optic Patch Cord

Outdoor double sheathed simplex fiber optic patch cord is made of all dielectric fiber optic cable. The cable has small diameter, light weight and duplex jacket protection, ideal for use in internal/external high electro-magnetic interferences FTTH applications horizontal, riser and duct. The cable consists of a 900µm multimode or singlemode buffered fiber in a Φ3.0mm LSZH inner jacket with aramid yarn strength members. Then surrounded with aramid yarn strength members and final Φ4.6 mm LSZH outdoor jacket.



Complied with or Exceeds Standard

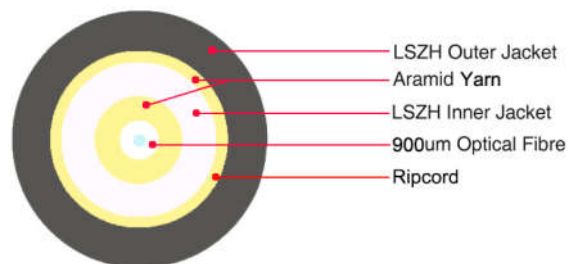
- Telcordia GR-326-CORE generic requirements for single mode optical connectors and jumper assemblies.
- IEC 874-1 generic specification for fiber optic connectors and cables
- Comprehensive wiring standard: ANSI/TIA-568-C.3, ISO/IEC 11801 2nd Ed., CENELEC EN 50173,
- Cable flame resistant rate: OFNR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



Features

- Available in G652D, G657A1, G657A2, OM1, OM2, OM3 and OM4 fiber types.
- All dielectric construction with aramid yarn for physical protection and mechanical strength.
- Double LSZH sheath cable gives more excellent tensile strength, mechanical, rodent, ultraviolet and environmental protection.
- Patch cord will be produced to different kind of connectors and different length according to the construction need.

Cable Structure



Mechanical, Environmental & Material Data

Fiber Mode	Singlemode or Multimode	Fiber Count	1
Connector Style	SC, FC, ST, LC,	Polish or Ferrule Interface Type	PC, UPC, APC
Inner Jacket Color	White	Outer Jacket Color	Black
Jacket Material	LSZH	Strength Member	Aramid Yarn
Inner Jacket Diameter(mm)	Φ3.0 ±0.1	Outer Jacket Diameter(mm)	Φ4.6 ±0.1
Min. Tensile Load (Short Term)	400N	Min. Tensile Load (Long Term)	150N
Min. Crush Load (Short Term)	1000N/100mm	Min. Crush Load (Long Term)	300N/100mm
Bend Radius-Dynamic (mm)	20D	Bend Radius-Static (mm)	10D
Operating Temperature(°C)	-40°C to 70°C	Storage Temperature(°C)	-40°C to 70°C



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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	PC≥35dB		
Pull Strength	≥98N			≥98N		

Ordering Information

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

Part Number: **DSPC-AA-BB-CD**

Ordering Guide

AA	BB	C	D
Connector Type	Connector Type	Fiber Type	Length
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	0015=1.5M 0200=20M 1000=100M

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

Ordering Sample

Part Number	Description
DSPC-SP-LA-G657A11000	SC/PC-LC/APC Outdoor Double Sheathed Simplex Fiber Optic Patch Cord, Singlemode G657A1, 100M.