

FIBER OPTICS PATCH CORD

The Fiber Optic Patch cord is designed to deliver high-quality optical performance with low insertion loss, ensuring reliable signal transmission and minimal network attenuation. Its user-friendly design enables quick and easy installation and termination, reducing deployment time and maintenance effort. Manufactured from durable, high-quality materials, the Patch cord provides long-term reliability and consistent performance even in demanding network environments.



PRODUCT FEATURES

- Meets and exceeds transmission performance as per the requirements of IEC61754 Standards.
- Available in single mode 9/125um OS2 &, 50/125um, OM3 & OM4, OM5 fiber type.
- Available in simplex & duplex type.
- Available in variety of connector configurations.
- High Precision ferrule (Better concentricity) end face, geometry (IEC61300-3-47).
- Factory polished and tested as per industry standards.
- Low insertion Loss.
- Available in 900um, 1.6mm, 2mm & 3mm cables
- 100% tested mechanical and optical characteristics.
- The outer jackets are of LSZH, OFNR, PVC material.
- Operating Temperature Range -20°C to +75°C.



PRODUCT SPECIFICATION

- Fiber Type – G.567A1/B3/OM1/OM3/OM4/OM5.
- Insertion Loss - Single mode ($\leq 0.3\text{dB}$), Multimode ($\leq 0.5\text{dB}$).
- Return Loss – Single mode (PC $\geq 45\text{dB}$), (UPC $\geq 50\text{dB}$), (APC $\geq 60\text{dB}$).
- Geometry test
- Matting Test – 500 cycles on both sides (delta 0.2dB).

ORDERING DETAILS

TVARA OPTIC FIBER PATCH CORD ORDERING DETAILS					
A	BB	C	DD	LYL	F
↓	↓	↓	↓	↓	↓
TVARA PATCH CORD	FIBER TYPE	MATERIAL	CABLE DIAMETER	CONNECTOR TYPE	LENGTH OF THE PATCHCORD
TC	OS2 - S2	LSZH -Z	A-1.6mm	L-First connector	X mtrs
	OM3 - M3	PVC - P	B-2.0mm	Y-Fiber count	
	OM4 - M4		C-3.0mm	1- Simplex	
	OM5 - M5			2- Duplex	
				L-Second connector	
				SC/PC-SC SC/APC-SA LC/PC-LC LC/APC-LA	

NOTE: LYL details.

1. L – First connector: Connector variant on one side.
2. Y: Connector type simplex or duplex.
3. L – Second connector: Connector variant on another side

EXAMPLE:

TC-M3-Z-A-SC2SC- 5	DHRUVA Connect – TVARA PATCH CORD, Multi-mode OM3 fiber, LSZH material, 2mm cable, SCPC to SCPC duplex connector, 5 Mtrs.
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ADVANCED FIBER SOLUTIONS PRIVATE LIMITED

#32, Kadagrahara Village, Gundur Main Road, Bidarahalli Hobli, Bengaluru-560049
Helpline: +91 63628 42419 / 7676041473. Email: sales@dhruvaconnect.com.

