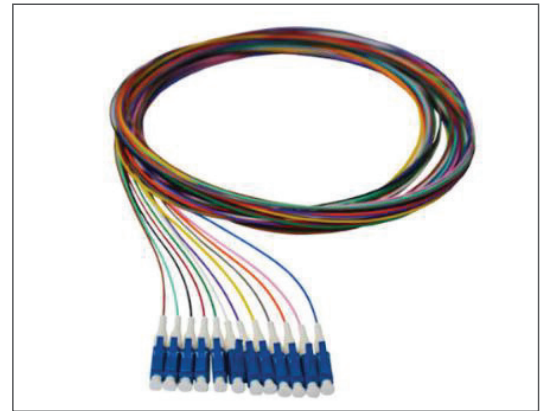


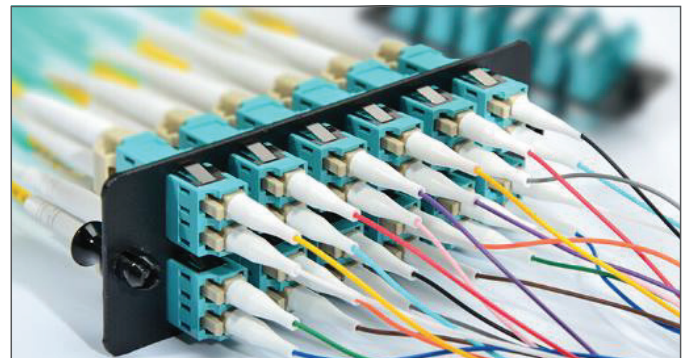
FIBER OPTICS PIGTAIL

The Fiber Optic pigtail is designed to deliver high-quality optical performance with low insertion loss connectivity between fiber ports and high return 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 Pigtail provides long-term reliability and consistent performance even in demanding network environments.



PRODUCT FEATURES

- Meets and exceeds transmission performance requirements in accordance with IEC 61754 standards.
- Available in Single-mode (9/125 μm " OS2) and multi-mode (50/125 μm " OM2, OM3, and OM4) fiber types.
- Available in simplex and multi-pack (color-coded kits) configurations for efficient high-density splicing.
- Available in a wide variety of industry-standard connector configurations (LC, SC, ST, FC) with UPC or APC polishing.
- Features a high-precision ceramic ferrule ensuring superior concentricity and optimized end-face geometry compliance per IEC 61300-3-47.
- Factory polished and rigorously tested as per stringent industry standards to guarantee low insertion loss and excellent return loss.
- Available in standard, compact, or short-boot variants to maximize space savings inside dense splice trays.
- Supplied in standard 900 μm " buffered fiber (tight or easy-strip), as well as jacketed 1.6"mm" and 2"mm" variants for ruggedized applications.
- 100% factory-tested for mechanical, environmental, and optical characteristics.
- The outer jackets are of LSZH, OFNR, PVC material.
- Engineered to perform reliably across an operating temperature range of -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 $\geq 60\text{dB}$).
- 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-0.9mm	L-First connector	X mtrs
	OM3 - M3	PVC - P	B-2.0mm	1- Simplex	
	OM4 - M4		C-3.0mm	SC/PC-SC SC/APC-SA LC/PC-LC LC/APC-LA	
	OM5 - M5				

NOTE: LYL details.

- L – First connector: Connector variant on one side.
- Y: Connector type simplex.

EXAMPLE:

TC-M3-Z-A-SC1-5	DHRUVA Connect – TVARA PIGTAIL, Multi-mode OM3 fiber, LSZH material, 0.9mm cable, SCPC Simplex connector, 5 Mtrs.
-----------------	--

ADVANCED FIBER SOLUTIONS PRIVATE LIMITED

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

