

SINGLE & TWO CORES OPTICAL FIBER

Product Description:

Optical fiber consists of a step/graded index core matched silica cladding and covered a low modulus inner coating and an abrasion resistant outer coating.

Construction:

- The structure and dimension of optical fiber should be complied with ITU recommendation TG.652 and EIA standards.
- Over the optical fiber should be extruded with a layer of polyethylene, nylon or PVC, optional at the discretion by the purchaser.
- Over the layer of the buffer should be filled with Kevlar 49 (more than 1380D×4) or the equivalent aromatic polyamide fibers.
- Over the aramid strength member should be extruded a layer of color code PVC jacket.

Temperature Rating:

- Storage temperature:
- 30°C ~ + 60°C
- Operating temperature:
- 20°C ~ + 80°C

Application :

- Generally used with connectors for indoor cable use or interface wiring for terminal equipment.
- Indoor distribution, computer data link, inter-frame, field development systems.

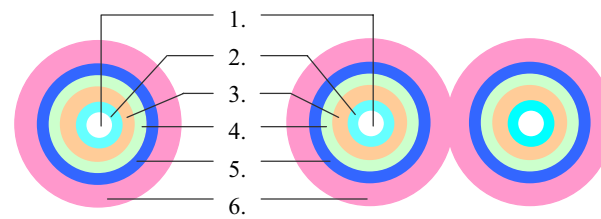
Color of Cords:

- Available with red, yellow, white, black, green, brown, orange, purple, gray and pink.

Packing:

- 1000M per spool or other put-ups available.

Structure of Cords:



Single Cores

Two Cores

1. Core
2. Cladding
3. Low modulus inner coating
4. Abrasion resistant outer coating(Buffer coating)
5. Aramid strength member
6. PVC jacket

Specification & Properties

ITEM	SIMPLE		DUPLEX	
	SM	MM	SM	MM
Mode Type of Fiber	SM	MM	SM	MM
Cable Diameter (Approx.)	2.4 mm	3.0 mm	2.4mm×4.8mm	3.0mm×6.0mm
Cable Weight (Approx.)	5.5 kg/km	8.0 kg/km	16.0 kg/km	20.0 kg/km
Max. Tensile Load	10 kg		10 kg	
Min. Bending Radius(mm)	Dynamic	50 mm	50 mm	
	Static	30 mm	30 mm	
Flex Resist.,cycles	1000 ↑		1000 ↑	
Crush Resist., N/cm	1000 ↑		1000 ↑	