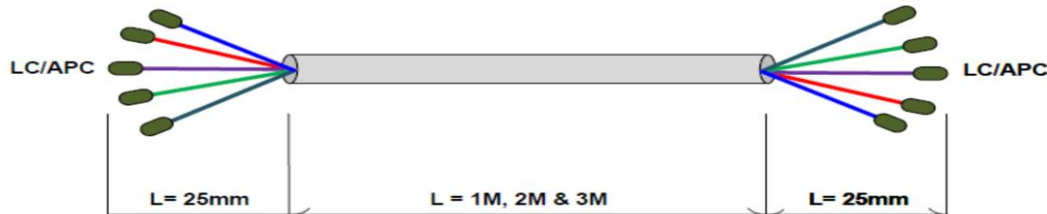


### FIBER OPTIC FANOUT CABLE



#### **Features:**

- Extra high precision ceramic ferrule with small concentricity error .
- Connector End Face Geometry parameters such as Apex offset , fiber Height , radius of curvature is tested by Digitally automated Interferometry and complies to IEC Standard.
- Durability , Damp proofing , resistance to coupling stress , high pull tension and adaptation to different harsh environment such as dampness , extreme temperature , Impact and Vibrations is in accordance to EIA/TIA and IEC Standard.
- Environmentally stable meeting TIA/EIA 568-B-3 requirements.
- Different fiber connectors for selection
- Connector Types : FC / SC / LC /ST
- Jacket Rating : UL OFNR Riser (Low Smoke Zero Halogen Flame Retardant )
- Jacket color: Yellow /Grey for Single mode and Orange/Aqua for Multimode cables .
- Superior Polishing offered in PC / UPC /APC.
- Used for Ethernet , FDDI ,Fiber optic system , Video transmission , CATV and Cable TV etc



#### **Applications :**

Provide interconnect and cross –connect of applications in entrance facilities. telecommunication rooms , data centers etc .

Supports network applications to inter-connect pre-terminated cassettes in main distribution, horizontal distribution and equipment distribution areas.

LSZH flame Retardant rated fanout supports installations that require this flame rating in specific environments.

#### **Specifications:**

Designed and tested to Telcordia Specifications GR 326 core

Latest Fiber options available - SM G657A , MM OM1 /OM2 /OM3 and OM4

3 - D Inspection of Polished Connector , by Digitally Automated' Interferometry

Available in different connector options - SC / FC/LC/ST/MU

Available in different polishing options - PC / UPC / APC .

Tight Buffer12 Colors : Blue /Orange /Green/ Brown/ Grey/White

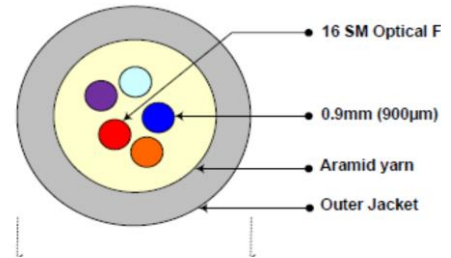
/Red/Black/Yellow/Violet/Pink/Aqua/Blue –Ring/Orange-Ring/Green-Ring/Brown-Ring .

**Technical Parameters:**

Max Outer Diameter of the cable (mm) :

12F	16F	18F	24F
6.5	7.0	8.5	8.5

Operating Temperature: - 10° C to + 75° C  
 Storage Temperature: - 10° C to + 75° C  
 Minimum Insertion Life cycles: 500 Times  
 Interchangeability: 0.2 dB  
 Repeatability (Insertion 500 times) : 0.2 dB



**Optical Characteristics (Single Mode Fanout Cable)**

Type	Connector End Face Conditions								
	" PC Polished "			" UPC Polished "			" APC Polished "		
	IL (Typical) dB	IL (Max) dB	RL (Min) dB	IL (Typical) dB	IL (Max) dB	RL (Min) dB	IL (Typical) dB	IL (Max) dB	RL (Min) dB
FC	0.20	0.30	45	0.20	0.30	50	0.20	0.30	60
SC	0.20	0.30	45	0.20	0.30	50	0.20	0.30	60
LC	0.20	0.30	45	0.20	0.30	50	0.20	0.30	60
ST	0.20	0.30	45	0.20	0.30	50	0.20	0.30	60

**Optical Characteristics (Multi Mode Fanout Cable)**

Type	Connector End Face Conditions		
	" PC/ UPC Polished "		
	IL (Typical) dB	IL (Max) dB	RL (Min) dB
FC	0.20	0.30	20
SC	0.20	0.30	20
LC	0.20	0.30	20
ST	0.20	0.30	20

