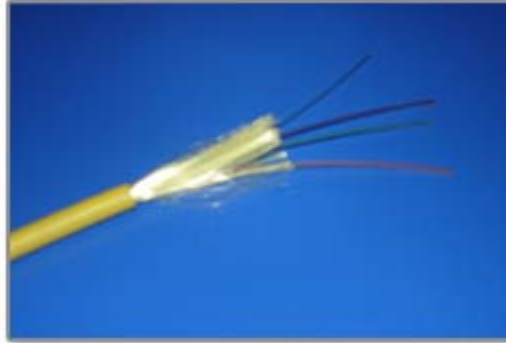




FLEXIBLE INDOOR OPTICAL FIBRE CABLE



DESCRIPTION

These cables are designed for indoor application having low weight, small volume and high flexibility. Surface of the cable also offers flame retardant properties, excellent transmission performance & protection to fibre in a variety of field environment.

APPLICATION

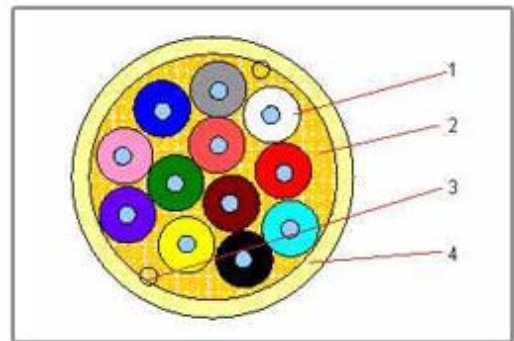
- Interconnection
- Drop
- Distribution cabling with in high rise buildings.

FEATURES

- All dielectric
- Light weight & miniaturized
- Standard fibre count : 4 -12

CABLE CROSS SECTION

1. Tight buffered optical fibre (Single mode / Multi mode)
2. Strength Member (Aramid yarns)
3. Rip Cord (Polyester)
4. Flame retardant outer sheath (LSZH Compound)





MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Tensile Force (IEC 60794-1-E1)	
During installation	660 N
Bending radius (IEC 60794-1-E11)	
Temporary, unloaded	12.5 D
Permanent, during installation	7.5 D
Repeated bending (EIA-455-104)	30 times, with weight of 25 N
Torsion resistance (IEC 60794-1-E7)	10 cycle with load of 25 N
Crush resistance (IEC 60794-1-E3)	500 N (100 x 100 mm)
Impact resistance (IEC 60794-1-E4)	5 N-m
Temperature range (IEC 60794-1-F1)	
Operation	-30° to + 70°C
Storage	-30° to + 70°C
Installation	-10° to + 50°C
W = Weight in Kg of 1 Km. cable	D = Diameter of cable in mm.

COLOUR CODING

Colour of Fibres	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose & Natural Last fibre in tube will be Natural
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DELIVERY INFORMATION

	4 F	6 F	8 F	12 F
Cable weight (nominal) – Kg/Km	23	26	30	35
Cable diameter (nominal) – mm	4.6	5.0	5.4	5.8
Supplied length – Kms			2 & 4	

Note :

1. Fibre in cable can comply to G651/G652/G652D/G655 or as desired. Properties of cabled fibre available on request.
2. The given cable cross section and characteristics will change as per specification desired by the customers.

