

Fibre to Antenna, FTTA Solutions for radio base stations



Outdoor



Metro

Applications

- Inside Duct pulled or blown

Special Features

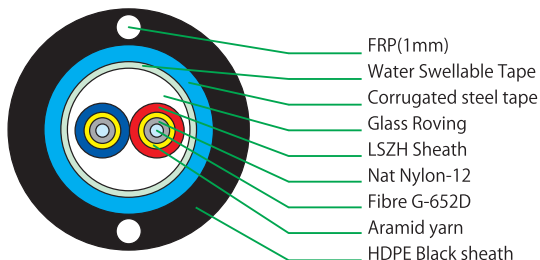
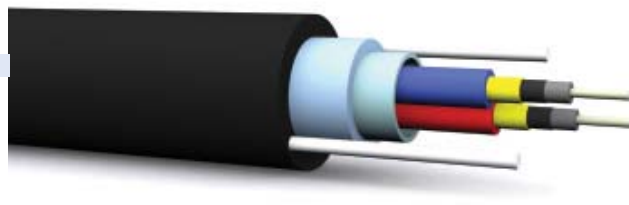
- Plug-and-play dielectric design with tailor made lengths for really fast installation.
- Pre-terminated solutions means factory tested interface insuring quality.
- Flexible solution with indoor or outdoor connectors for single or multimode.
- Fibre optic digital interface reduces RF link losses
- Optical fibre solution
 - Lowers power consumption
 - Can handle all frequencies
 - Gives lightweight installation
 - Upgradeable

Cable Construction

- Simplex (LSZH) : Fibre (0.25 mm) coated with Nylon-12 upto 900 Micron. Coated Fibre along with aramid yarns sheathed with LSZH compound (BLUE & Orange). Diameter 2.0 +/- 0.1 mm
- No.of Fibers : 2Fibers.
- No.of Simplex : 2 Simplex: Blue& Orange
- Armouring & Sheathing : Corrugated Steel tape armouring & sheathing is done over the water swellable Tape wrapped two simplex with Glass roving. Two nos FRP is embedded in sheath at 180° .
- Strength member/Filler : Aramid Yarn / FRP (1mm)
- Sheath : Black HDPE - Diameter 10.2 +/- 0.5 mm (Aveg. Of Six Measurement)

Temperature Range

Operation	0° C to +70° C
Installation	-15° C to +70° C
Storage	-20° C to +70° C



MULTI TUBE DESIGN

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)	
			Installation	Operating	Temporary	Permanent
UPTO 2F	10.2	85	1000	800	20D	15D

Drum Length

2000 meters ± 5%

Cable Sheath Marking

Cable sheath shall be marked in white colour with Hot Foil Indentation method. Marking details can be customized. Below mentioned details are generally marked on the cable sheath.

Telephone Symbol, Laser Symbol, Number of Fibres, Type of Fibre (G 652 D), Unarm, Month & Year of Manufacturing, Manufacturer's Name, Customer Name, Sequential Meter Marking & Drum Number

Cable Drum Packing

Every length will be delivered on non-returnable wooden drums. Generally the cable drum flange will be marked with following: These details can also be customised.

- Arrow showing rolling direction of the drum.
- Country of origin.
- Manufacturer's name/ Customised
- Number of fibers.
- Nominal cable length in meters
- Net and gross weight.
- Drum number
- Caution - Optical Fibre Cable Not to be Laid Flat
- Customer's name and destination

Both ends of the cable shall be sealed to prevent the ingress of moisture during transportation and storage, physical damage.

Variants*

*Cable can be supplied with singlemode (ITU-T G652, G655, G656, G657) & Multimode (50µ, 62.5µ & OM3) or combination of these
 *Cable construction can be dry core or jelly filled
 *Outer jacket can be of PVC, Nylon, LSZH, HDPE
 *Strength member can be Steel or FRP
 *Rip cord can be of aramid or polyester
 *These are general characteristics, customized designs are available as per requirements