

## Drop Cable (2-8 F)

Suitable For Outdoor Application



Outdoor



Aerial



Metro

### Applications

- Drop Cable suitable for Outdoor Application.
- Suitable for Introducing Fiber into the Building

### Cable Design

- 2/4/6/8 Nos of Singlemode fibre in full compliance with ITU-T G.652D
- Non-metallic and anti-buckling element ARP rod used as Central Strength Member.
- Loose buffer tubes fully filled Thixotropic Jelly
- UV Stabilized FR-PE sheath, black
- Supporting wire of galvanised steel.

### Mechanical Characteristics

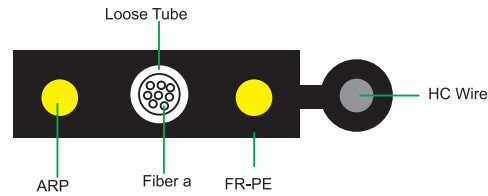
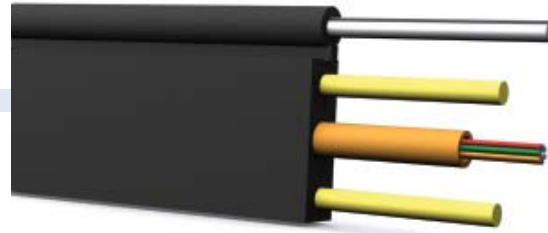
#### Temperature Range (IEC 60794-1-2-F1)

Laying and Installation	-10° to +75° C
Operation	-10° to +75° C
Transport and Storage	-30° to +75° C

#### Cable Bending Radius (IEC 60794-1-2-E11)

During Installation (Full Load)	20 x D, D = Cable D
Installed (No Load)	15 x D, D = Cable D

Tensile Force (IEC 60794-1-2-E1)	660 N at 1/4 proof test of fibre (0.25%)
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### MULTI TUBE DESIGN

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)	
			Installation	Operating	Temporary	Permanent
UPTO 8F	5mmX3mm	25	1200	600	20D	15D

### Drum Length

1000 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\*

\*Strength member can be Steel or FRP

\*These are general characteristics, customized designs are available as per requirements