Multi-tube Micro Cable (2-144F)
Multitube Design

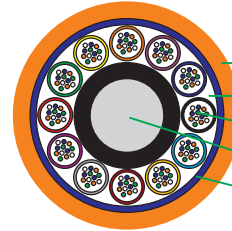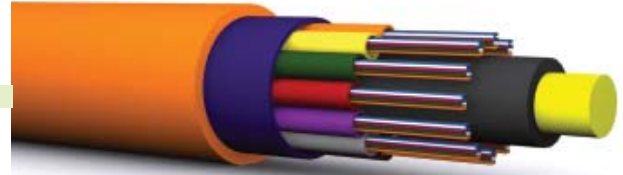Indoor   Metro

Applications

- Used for fast & efficient blowing into micro ducts
- Recommended for FTTx application

Special Features

- Cable can be easily blown to a longer distance
- Light weight
- Flexible
- Easy to install

Cable Construction

- Upto 144 enhance low water peak single mode fibers in full compliance with ITU-T-G.652.D
- Non-metallic and anti-buckling element FRP rod used as Central Strength Member.
- Loose buffer tubes fully filled Thixotropic Jelly
- Loose buffer tubes S-Z Stranded
- Orange colour PA-12 Nylon outer sheath

Nylon Sheath
Jelly Filled Loose tube (Thixotropic Jelly)
Fibre G.652.D
FRP Rod
Polyster Tape

MULTI TUBE DESIGN

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N) Installation	TENSILE STRENGTH (N) Operating	BENDING RADIUS (mm) Temporary	BENDING RADIUS (mm) Permanent
UPTO 24 F	5.5	26	800	400	20D	15D
UPTO 48 F	5.8	27	800	400	20D	15D
UPTO 72 F	6.3	32	1000	500	20D	15D
UPTO 96 F	7.3	47	1200	600	20D	15D
UPTO 144 F	9.8	100	1800	900	20D	15D

Drum Length

2000/ 3000/ 4000 meters $\pm$ 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
*Outer jacket can be of PVC, Nylon, LSZH, HDPE
*These are general characteristics, customized designs are available as per requirements