

Breakout Tight Buffer Unarmoured Optical Fibre cable (2-4F)



Flame resistant



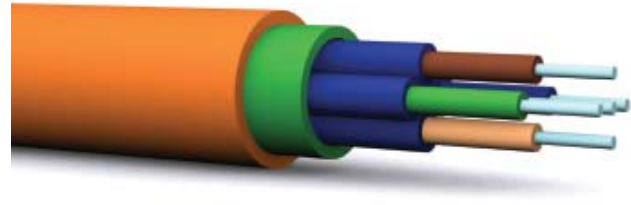
Indoor



Metro

Applications

- Suitable for Aerial, Pipeline, Bracket laying.
- Intra building backbones & installations in riser environment
- Suitable for indoor and outdoor cable.
- Distribution cables are rugged, high performance cables for indoor applications

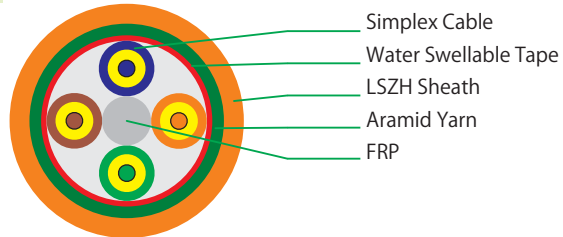


Cable Construction

- Tight buffered fibre without jelly compound.
- Sub-Unit with aramid yarn strength members reduce weight for longer span length.
- Non metallic strength member
- Water proof and applicable environment service.
- Termination can be made standard connector.

Cable Mechanical Characteristics

Tensile strength Permanent	1500 N
Tensile strength During Installation	600 N max
Bending Radius permanent no load	min 20 D
Crush Resistance	1000N/100 mm
Temperature Range	
Operation	.-20 ° C to +70 ° C
Installation	.-20 ° C to +70 ° C
Storage	.-20 ° C to +70 ° C



UNI TUBE DESIGN

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)	
			Installation	Operating	Temporary	Permanent
UPTΩ4F	7.5	59	1500	600	20D	15D

Drum Length

1000/ 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

*Outer jacket can be of PVC, Nylon, LSZH, HDPE

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