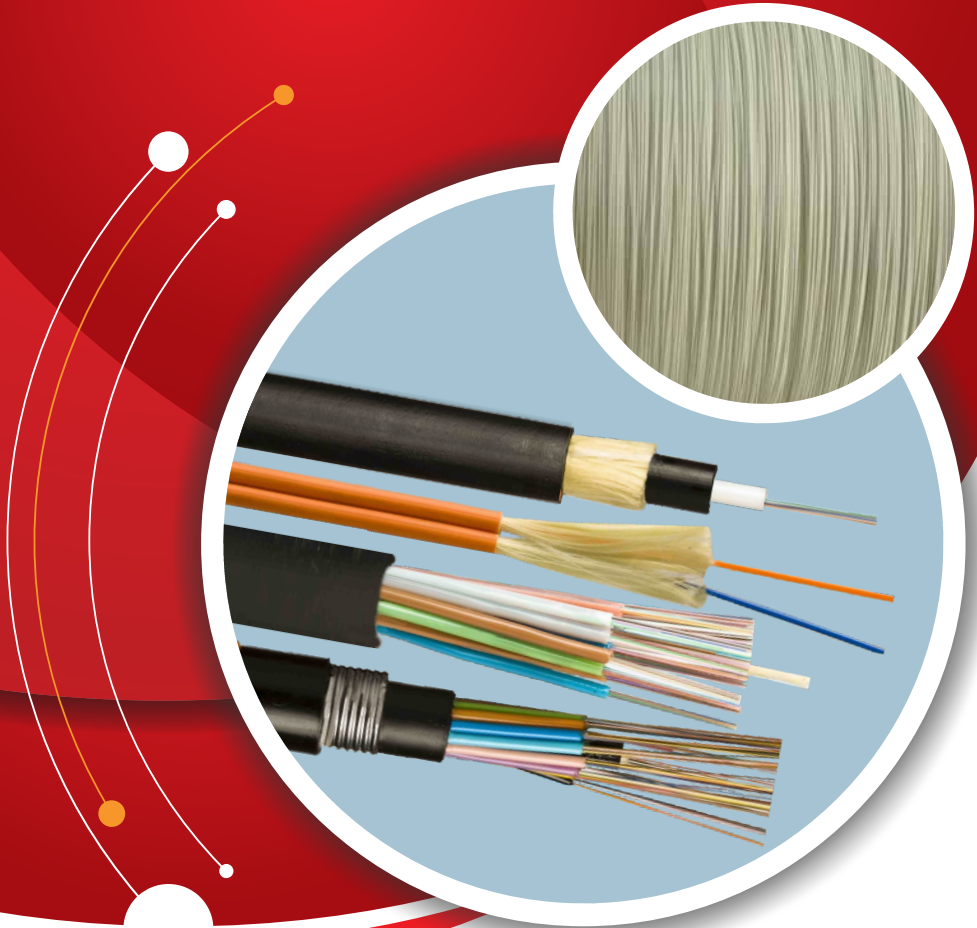


Optical Fibre Cable Solutions

- Fibre Cable • FRP • ARP • Glass Yarn
- Raw Materials & Accessories



OFR Telecom

An ISO 9001, 14001 & 18001 Certified Company
sales @ofrtelecom.com | www.ofrtelecom.com

Contact us:  +91 8743013439

 +91 9899355896

 ofc_india@ofrtelecom.com

 javed@ofrtelecom.com

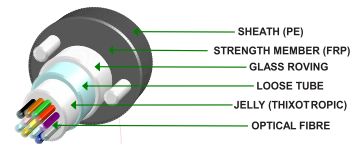


1. UNARMOURED OPTICAL FIBRE CABLE

The loose tube containing primary coated fibres, strength members (F.R.P. rods) and Steel wire embedded in the sheath.

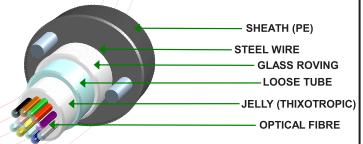
(1.1) UNITUBE WITH 2 FRP SRENGTH MEMBER

FIBRE COUNT	DIAMETER (MM) NOMINAL			TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm)	BENDING RADIUS	
	DESIGN 1	DESIGN 2	DESIGN 3	INSTALLATION	OPERATING	NOMINAL	TEMPORARY 10XD	PERMANENT 20XD
	2F	5.8	6.0	7.0	1000	500	1500	75
4F	5.8	6.0	7.0	1000	500	1500	75	150
6F	5.8	6.0	7.0	1000	500	1500	75	150
12F	6.0	6.0	7.0	1000	500	1500	75	150



(1.2) UNITUBE WITH 2 STEEL WIRE SRENGTH MEMBER

FIBRE COUNT	DIAMETER (MM) NOMINAL			TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm)	BENDING RADIUS	
	DESIGN 1	DESIGN 2	DESIGN 3	INSTALLATION	OPERATING	NOMINAL	TEMPORARY 10XD	PERMANENT 20XD
	2F	5.8	6.0	7.0	1200	600	1800	80
4F	5.8	6.0	7.0	1200	600	1800	80	160
6F	5.8	6.0	7.0	1200	600	1800	80	160
12F	6.0	6.0	7.0	1200	600	1800	80	160

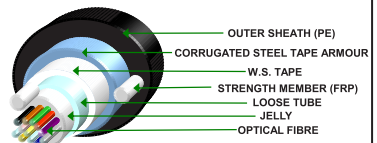


2. ARMoured CABLE

The loose tube containing primary coated fibres, FRP/STEELL wire Strength member glass roving, corrugated steel tape armouring.

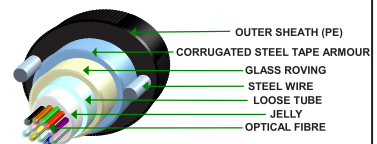
(2.1) UNITUBE WITH 2 FRP SRENGTH MEMBER

FIBRE COUNT	DIAMETER (MM) NOMINAL	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm)	BENDING RADIUS	
	DESIGN	INSTALLATION	OPERATING	NOMINAL	TEMPORARY 10XD	PERMANENT 20XD
	2F	7.2	2500	1200	2000	100
4F	7.2	2500	1200	2000	100	200
6F	7.2	2500	1200	2000	100	200
12F	7.2	2500	1200	2000	100	200



(2.2) UNITUBE WITH 2 STEEL WIRE SRENGTH MEMBER

FIBRE COUNT	DIAMETER (MM) NOMINAL	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm)	BENDING RADIUS	
	DESIGN	INSTALLATION	OPERATING	NOMINAL	TEMPORARY 10XD	PERMANENT 20XD
	2F	7.2	3000	1500	2000	110
4F	7.2	3000	1500	2000	110	220
6F	7.2	3000	1500	2000	110	220
12F	7.2	3000	1500	2000	110	220





3. UNITUBE GLASS YARN/ROUND FTTH CABLE

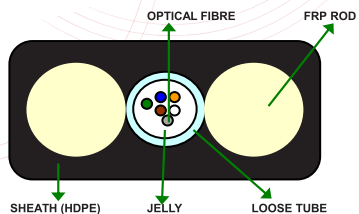
UNITUBE DIELECTRIC CABLE DESIGN: The loose tube containing primary coated fibres, glass roving as strength member for all Dielectric (Non Metallic) application.

FIBRE COUNT	DIAMETER (MM) NOMINAL	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm) NOMINAL	BENDING RADIUS	
		INSTALLATION	OPERATING		TEMPORARY 10XD	PERMANENT 20XD
2F	4.6	800	400	1500	80	150
4F	7.2	900	450	1800	100	200
6F	7.2	900	450	1800	100	200
12F	8.3	1000	500	2000	110	220

4. AERIAL FLAT CABLE

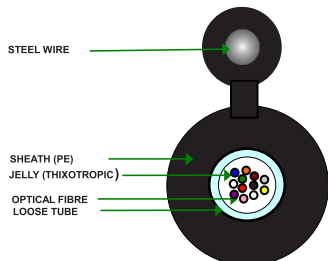
FIBRE COUNT	DIAMETER (MM) NOMINAL		Weight kg/km	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm) NOMINAL	BENDING RADIUS	
	WIDTH	HEIGHT		INSTALLATION	OPERATING		TEMPORARY 10XD	PERMANENT 20XD
upto 12	7.2	3.5	32	32	1200	600	100	200

The loose tube containing the fibres filled with thixotropic jelly, 2 nos. E.A.A. coated F.R.P. rod covered with tough weather resistant HDPE to form the rectangular shape.



5. FIGURE – 8 UNITUBE DESIGN

FIBRE COUNT	DIAMETER (MM) NOMINAL		Weight kg/km	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm) NOMINAL	BENDING RADIUS	
	WIDTH	HEIGHT		INSTALLATION	OPERATING		TEMPORARY 10XD	PERMANENT 20XD
upto 12	6.5	10.5	55	1500	800	2000	70	130



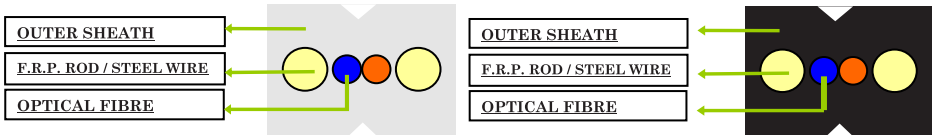
Loose tube containing optical fibres jelly filled are centrally located. A single FRP and single / bunch of Steel Wire are sheathed with core to make figure – 8 constructions for aerial installation.



6. FTTH - INDOOR DROP CABLE

Bare Fibre is embedded in LSZH sheath between 2 ARP/FRP/STEEL WIRE Rods. Outdoor/Indoor Droplite application. Optical Fibre can be of the following types G652 D / G657 A1 / G657 A2

FIBRE COUNT	DIAMETER (MM) NOMINAL		Weight kg/km	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm)	BENDING RADIUS	
	WIDTH	HEIGHT		NOMINAL	INSTALLATION		OPERATING	TEMPORARY 10XD
2	2.0	3.1	10	200	100	500	30	60



7. INDOOR / OUTDOOR DROP CABLE (FRP+SW)

Bare Fibre is embedded in LSZH sheath between 2 FRP/2 Steel wire with Steel Wire massanger in Figure 8. Optical Fibre can be of the following types G652 D / G657 A1 / G657 A2

FIBRE COUNT	DIAMETER (MM) NOMINAL		Weight kg/km	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10 cm)	BENDING RADIUS	
	WIDTH	HEIGHT		NOMINAL	INSTALLATION		OPERATING	TEMPORARY 10XD
2&4	2.0	5.2	20	600	300	500	30	60

