



OPTICAL FIBRE ***C A B L E S***

CONTRIBUTING TO DIGITAL BANGLADESH

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OUTDOOR CABLES (2-12F)

Applications

Inside Duct, Pulled or Blown
For CATV application, aerial application
along with messenger wire.

Cable Construction

Up to 12 low water peak single mode fibres in compliance
with ITU-T-G.652D
Metallic / Non metallic rod used as strength member
embedded in sheath
Loose buffer tubes jelly filled and centrally placed in the cable
UV stabilized PE outer sheath, black.

Mechanical Characteristics

Temperature Range	(IEC 60794-1-2-F1)
Laying & Installation	-10°C to +50°C
Operation	-20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation	20D, D=Cable Diameter
Installed	15D, D=Cable Diameter
Repeated Bending	30 Cycle, r=20D, 5 Kg, Load, D=Cable Diameter (IEC 60794-1-2-E6)

Tensile Force (IEC 60794-1-2-E1)

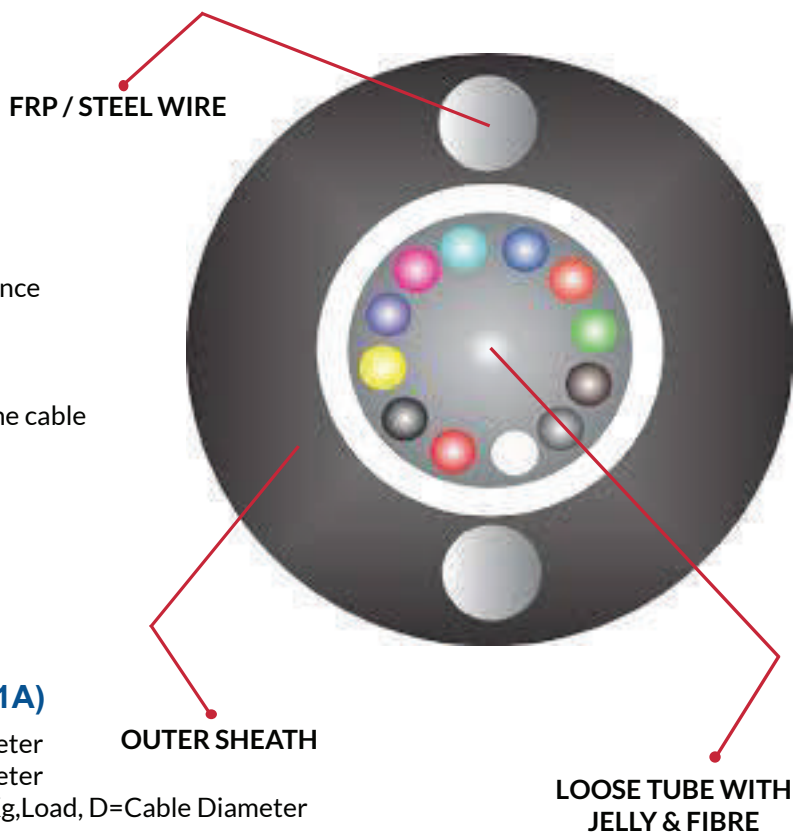
During Installation	800 N
Installed	500 N
Torsion Resistance (IEC 60794-1-2-E7)	10 Cycle ($\pm 360^\circ$) 5 Kg weight, L=1 Mtr
Crush Resistance (IEC 60794-1-2-E3)	500 N (100 X 100 mm) for 60 sec
Kink Resistance (IEC 60794-1-2-E10)	15D, D=Cable Diameter
Water Penetration (IEC 60794-1-2-F5B)	1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

Variants*

*Cable can be supplied with single mode (ITU-T-G655, and G657) & Multimode (50µm & 62.5µm)

*Outer Jacket can be of PVC, LSZH, and HDPE

*Strength member can be Steel or FRP



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
2 to 8	6.0	30	800	500
12	6.5	35	800	500

OUTDOOR CABLES (2-144 F)

Applications

Inside Duct, Pulled or Blown

Cable Construction

Up to 144 low water peak single mode fibres in compliance with ITU-T-G.652D
Metallic / Non metallic element used as central strength Member for Tensile Strength
Loose buffer tubes jelly filled
Loose buffer tubes S-Z Stranded
Cable core filled with jelly
S-Z core wrapped with polyester tape
UV stabilized PE outer sheath, black.

Special Features

Flexible buffer tubes provide easy
Lighter weight cable for fast and easy installation

Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation	20D, D=Cable Diameter
Installed	15D, D=Cable Diameter
Repeated Bending	30 Cycle, r=20D, 5 Kg
(IEC 60794-1-2-E6)	Load, D=Cable Diameter

Tensile Force (IEC 60794-1-2-E1)

During Installation	1800 N
Installed	1000 N
Torsion Resistance (IEC 60794-1-2-E7)	10 Cycle ($\pm 360^\circ$) 5 Kg, Weight, L=1 Mtr
Crush Resistance (IEC 60794-1-2-E3)	1800 N (100 X 100 mm) for 60 sec
Kink Resistance (IEC 60794-1-2-E10)	10D, D=Cable Diameter

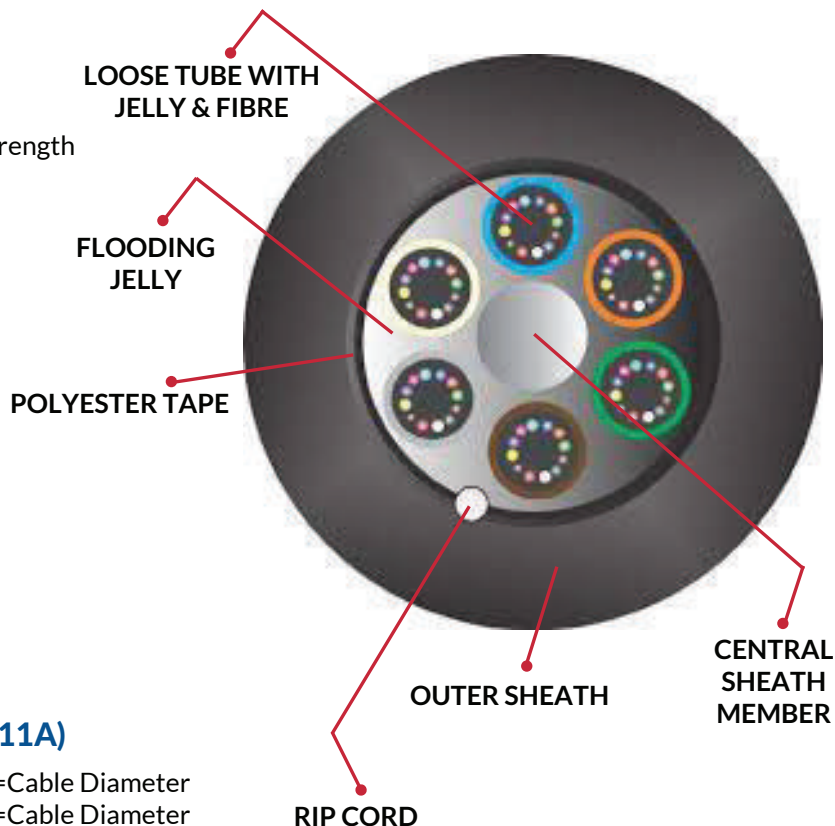
Variants*

*Cable can be supplied with single mode (ITU-T-G655, and G657) & Multimode (50µm & 62.5µm)

*Outer Jacket can be of PVC, LSZH, and HDPE

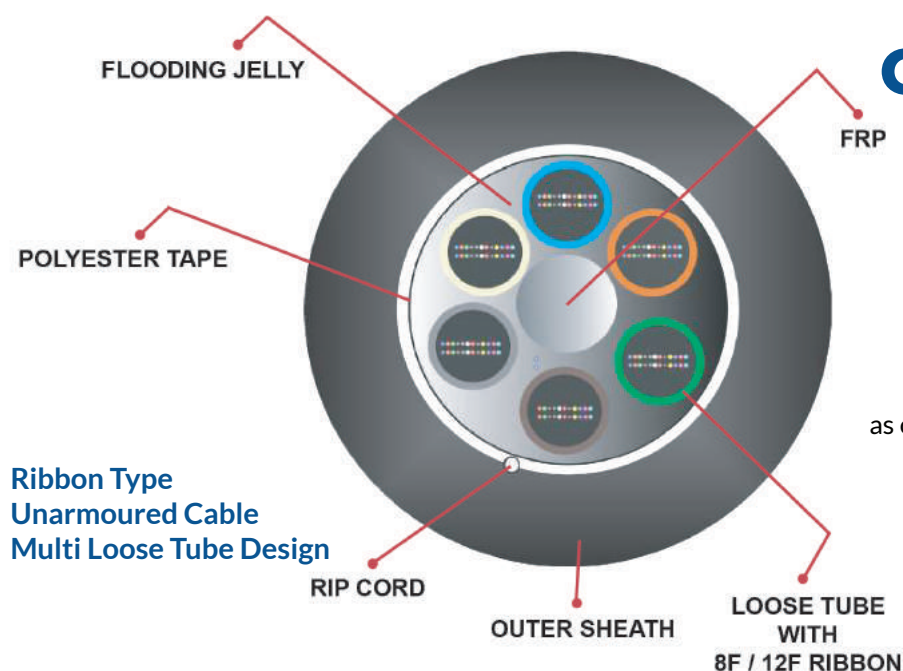
*Strength member can be Steel or FRP

Multi-tube Single Sheath Unarmoured Cable
Multi Loose Tube Design



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Up to 72	10.0	85	1800	1000
96	12.0	115	1800	1000
144	15.0	180	1800	1000

Outdoor Cables (2-144 F)



Applications

Inside Duct, Pulled or Blown

Cable Construction

288 low water peak single mode fibres in compliance with ITU-T-G.652D

Metallic / Non metallic element used as central strength member for Tensile Strength

Loose buffer tubes jelly filled

Loose buffer tubes S-Z Stranded

Cable core filled with jelly

S-Z core wrapped with polyester tape

UV stabilized PE outer sheath, black

Special Features

Flexible buffer tubes provide easy fibre routing inside closure
Lighter weight cable for fast and easy installation

Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation
Installed 15D,
Repeated Bending
(IEC 60794-1-2-E6)

20D, D=Cable Diameter
D=Cable Diameter
30 Cycle, r=20D, 5 Kg
Load, D=Cable Diameter

Tensile Force (IEC 60794-1-2-E1)

During Installation 3000 N
Installed 1500 N
Torsion Resistance (IEC 60794-1-2-E7) 10 Cycle ($\pm 360^\circ$) 5 Kg, weight, L=1 Mtr
Crush Resistance (IEC 60794-1-2-E3) 1500 N (100 X 100 mm) for 60 sec
Kink Resistance (IEC 60794-1-2-E10) 15D, D=Cable Diameter
Water Penetration (IEC 60794-1-2-F5B) 1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

Variants*

*Cable can be supplied with single mode (ITU-T-G652, G655, and G657) & Multimode (50µm & 62.5µm)

*Outer Jacket can be of PVC, LSZH, and HDPE
*Strength member can be Steel or FRP

Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
96	17.0	250	3000	1500
288	18.5	330	3000	1500

Outdoor Cables (2-12 F)

Applications

Inside Duct, Pulled or Blown
In areas where high mechanical load is required
In areas where rodent attack is there

Special Features

Lighter weight cable for fast and easy installation
Robust Construction

Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation
Installed
Repeated Bending
(IEC 60794-1-2-E6)

20D, D=Cable Diameter
15D, D=Cable Diameter
30 Cycle, r=20D, 5 Kg
Load, D=Cable Diameter

Tensile Force (IEC 60794-1-2-E1)

During Installation
Installed
Torsion Resistance (IEC 60794-1-2-E7)
Crush Resistance (IEC 60794-1-2-E3)
Kink Resistance (IEC 60794-1-2-E10)
Water Penetration (IEC 60794-1-2-F5B)

1800 N
1000 N
10 Cycle ($\pm 360^\circ$) 5 Kg, weight, L=1 Mtr
1000 N (100 X 100 mm), for 60 sec
10D, D=Cable Diameter
1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

Variants*

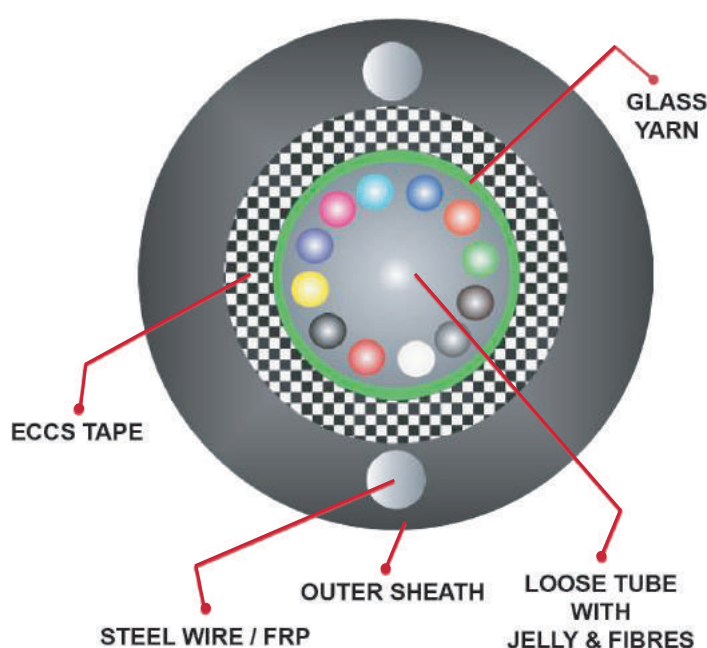
*Cable can be supplied with single mode (ITU-T-G652, G655, and G657) & Multimode (50µm & 62.5µm)

*Outer Jacket can be of PVC, LSZH, and HDPE
*Strength member can be Steel or FRP

Cable Construction

Up to 12 low water peak single mode fibres in compliance with ITU-T-G.652D
Metallic / Anti buckling element steel wires are used as Peripheral Strength Member
Loose buffer tube jelly filled and centrally placed in the cable
UV stabilized PE outer sheath, black

Uni Tube Unarmoured Cable Design



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Upto 12	8.5	70	1800	1000

Outdoor Cables (2-144 F)

Applications

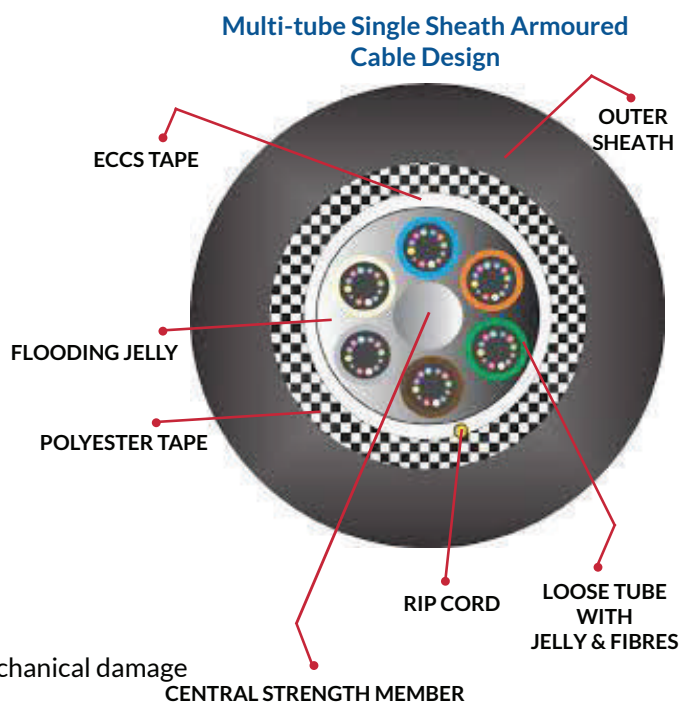
Direct Buried / Inside Duct
In areas where high mechanical load is required
In areas where rodent attack is there

Cable Construction

Up to 144 low water peak single mode fibres in compliance with ITU-T-G.652D
Non metallic and anti buckling element FRP rod used as Central Strength Member
Loose buffer tubes jelly filled
Loose buffer tubes S-Z Stranded
Cable core filled with jelly
S-Z core wrapped with polyester tape
ECCS Tape Armouring (Corrugated)
UV stabilized PE outer sheath, black

Special Features

Corrugated steel tape act as protection against rodents and mechanical damage
Robust construction
Flexible buffer tubes provide easy fibre routing inside closure



Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation	20D, D=Cable Diameter
Installed 15D,	D=Cable Diameter
Repeated Bending	30 Cycle, r=20D, 5 Kg
(IEC 60794-1-2-E6)	Load, D=Cable Diameter

Tensile Force (IEC 60794-1-2-E1)

During Installation	2700 N
Installed	1500 N
Torsion Resistance (IEC 60794-1-2-E7)	10 Cycle ($\pm 360^\circ$) 5 Kg, weight, L=1 Mtr
Crush Resistance (IEC 60794-1-2-E3)	1800 N (100 X 100 mm), for 60 sec
Kink Resistance (IEC 60794-1-2-E10)	10D, D=Cable Diameter
Water Penetration (IEC 60794-1-2-F5B)	1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

Variants*

- * Cable can be supplied with single mode (ITU-T-G652, G655 and G657) & Multimode (50µm & 62.5µm)
- * Outer Jacket can be of PVC, LSZH, and HDPE
- * Strength member can be Steel or FRP

Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Up to 72	11.5	125	2700	1500
96	13.5	170	2700	1500
144	16.0	250	2700	1500

Outdoor Cables (2-144 F)

Applications

Direct buried / Inside Duct
In areas where high mechanical load is required
In areas where rodent attack is there

Cable Construction

Up to 144 low water peak single mode fibres in compliance with ITU-T-G.652D
Non metallic and anti buckling element FRP rod used as Central Strength Member
Loose buffer tubes jelly filled
Loose buffer tubes S-Z Stranded
Cable core filled with jelly
S-Z core wrapped with polyester tape
ECCS Tape Armouring (Corrugated)
UV stabilized PE Inner & outer sheath, black

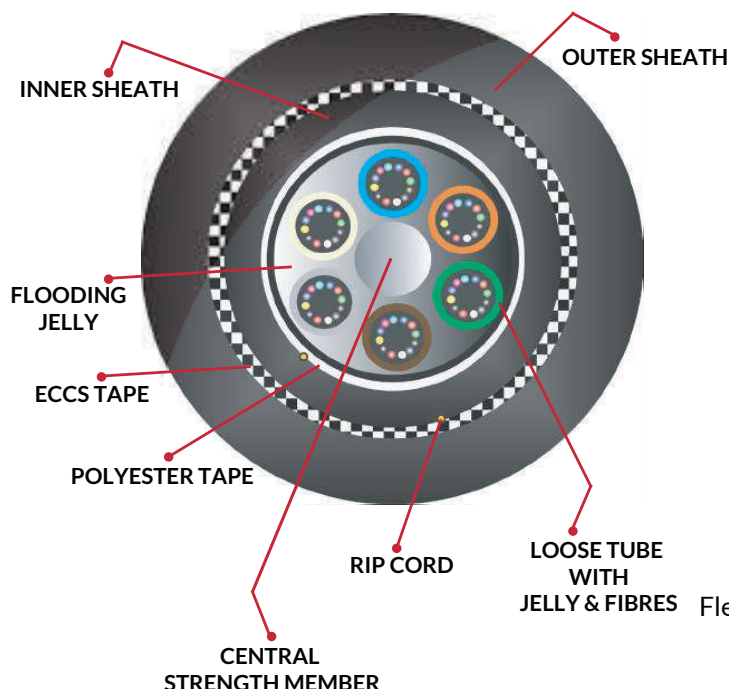
Special Features

Corrugated steel tape act as protection against rodents and mechanical damage
Robust construction
Flexible buffer tubes provide easy fibre routing inside closure

Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Multi-tube Double Sheath Armoured Cable Design



Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation	20D, D=Cable Diameter
Installed	15D, D=Cable Diameter
Repeated Bending (IEC 60794-1-2-E6)	30 Cycle, r=20D, 5 Kg Load, D=Cable Diameter

Tensile Force (IEC 60794-1-2-E1)

During Installation	3500 N
Installed	2000 N
Torsion Resistance (IEC 60794-1-2-E7)	10 Cycle ($\pm 360^\circ$) 5 Kg, weight, L=1 Mtr
Crush Resistance (IEC 60794-1-2-E3)	1800 N (100 X 100 mm), for 60 sec
Kink Resistance (IEC 60794-1-2-E10)	10D, D=Cable Diameter
Water Penetration (IEC 60794-1-2-F5B)	1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

Variants*

- * Cable can be supplied with single mode (ITU-T-G652, G655 and G657) & Multimode (50 μ m & 62.5 μ m)
- *Outer Jacket can be of PVC, Nylon, LSZH, and HDPE
- *Strength member can be Steel or FRP

Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Up to 48	14.0	180	2700	1500
96	15.5	220	2700	1500
144	19.0	300	2700	1500

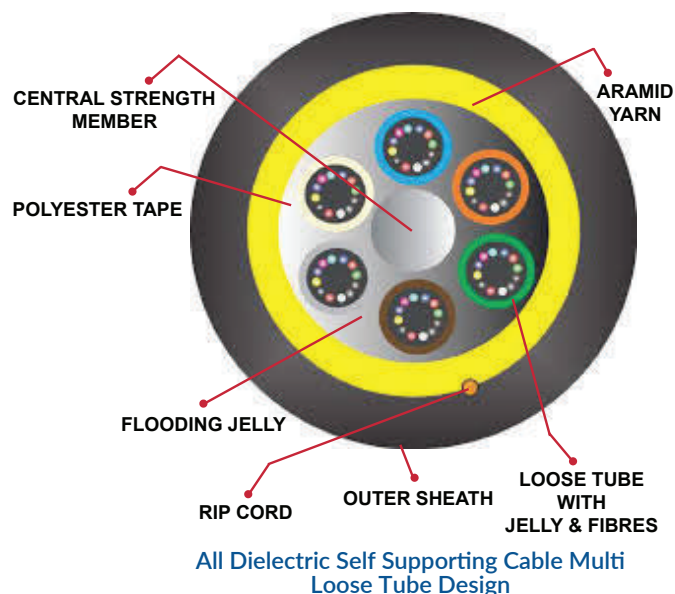
Outdoor Cables (2-144 F)

Applications

Self supporting aerial installation with rigorous load conditions Including heavy wind & ice
Suitable for span length of 100 mtrs

Cable Construction

Up to 144 low water peak single mode fibres
in compliance with ITU-T-G.652D
Non metallic and anti buckling element FRP rod
used as Central Strength Member
Loose buffer tubes jelly filled
Loose buffer tubes S-Z Stranded
Cable core filled with jelly / WS Yarn
S-Z core wrapped with polyester tape / WS Tape
High modulus, aramid yarns peripheral strength member
UV stabilized outer sheath, black



Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation 20D, D=Cable Diameter
Installed 15D, D=Cable Diameter
Repeated Bending 30 Cycle, r=20D, 5 Kg
(IEC 60794-1-2-E6) Load, D=Cable Diameter

Special Features

Single layer stranded construction
Offers exceptional strength and corrosion resistance
for Aerial application
Flexible buffer tubes provide easy fibre routing
inside closure

Tensile Force (IEC 60794-1-2-E1)

During Installation	5W * 9.81 N
Installed	2W * 9.81 N
Torsion Resistance (IEC 60794-1-2-E7)	10 Cycle (± 360°) 5 Kg, weight, L=1 Mtr
Crush Resistance (IEC 60794-1-2-E3)	2000 N (100 X 100 mm), for 60 sec
Kink Resistance (IEC 60794-1-2-E10)	20D, D=Cable Diameter
Water Penetration (IEC 60794-1-2-F5B)	1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

Variants*

- *Cable can be supplied with single mode (ITU-T-G652, G655 and G657) & Multimode (50µm & 62.5µm)
- *Outer Jacket can be of PVC, LSZH, and HDPE
- *Cable construction can be jelly filled or dry core
- *Strength member can be Steel or FRP

Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Up to 48	12.5	135	4000	2000
96	15.0	180	4000	2000
144	18.0	250	4000	2000

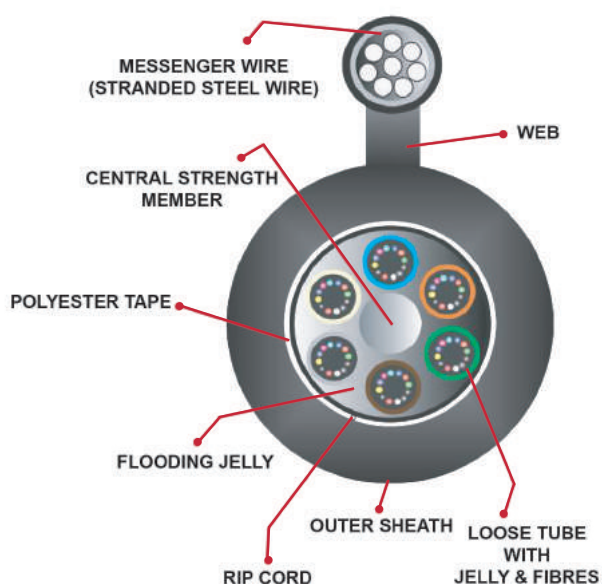
Outdoor Cables (2-144 F)

Applications

Lashed aerial installation with rigorous load conditions
Including heavy wind & ice
Suitable for span length of 100 mtrs

Cable Construction

Up to 144 low water peak single mode fibres
in compliance with ITU-T-G.652D
Non metallic and anti buckling element FRP rod
used as Central Strength Member
Loose buffer tubes jelly filled
Loose buffer tubes S-Z Stranded
Cable core filled with jelly / WS Yarn
S-Z core wrapped with polyester tape / WS Tape
High modulus, aramid yarns peripheral strength member
UV stabilized outer sheath, black



Self Supporting Aerial Cable Multi Loose Tube Design

Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation 20D, D=Cable Diameter
Installed 15D, D=Cable Diameter
Repeated Bending 30 Cycle, r=20D, 5 Kg Load, D=Cable Diameter
(IEC 60794-1-2-E6)

Special Features

Single layer stranded construction
Offers exceptional strength and corrosion resistance for Aerial application
Flexible buffer tubes provide easy fibre routing inside closure

Tensile Force (IEC 60794-1-2-E1)

During Installation	5W * 9.81 N
Installed	2W * 9.81 N
Torsion Resistance (IEC 60794-1-2-E7)	10 Cycle (± 360°) 5 Kg, weight, L=1 Mtr
Crush Resistance (IEC 60794-1-2-E3)	2000 N (100 X 100 mm), for 60 sec
Kink Resistance (IEC 60794-1-2-E10)	20D, D=Cable Diameter
Water Penetration (IEC 60794-1-2-F5B)	1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

Variants*

- *Cable can be supplied with single mode (ITU-T-G652, G655 and G657) & Multimode (50µm & 62.5µm)
- *Outer Jacket can be of PVC, LSZH, and HDPE
- *Cable construction can be jelly filled or dry core

Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Up to 48	11.0	135	5000	2500
96	12.5	180	5000	2500
144	15.5	250	5000	2500

FTTH Cable (2F)

Applications

Low bending cable suitable for Indoor application

Cable Construction

Primary coated fibre – G.657

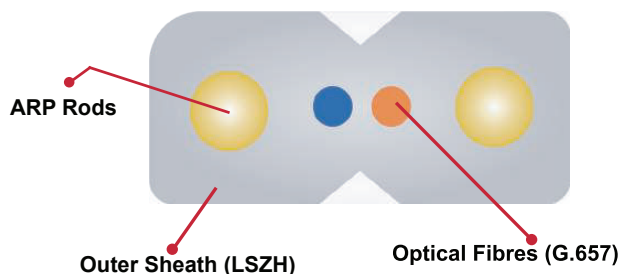
Strength Member – ARP Rods

Sheath – White LSZH Loose buffer tubes S-Z Stranded

Variants*

**Strength member can be Steel or FRP

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



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
1 to 2F	3.2 x 2.1	20	150	100

Suitable for Outdoor Application

Drop Cable (2 to 6F)

Applications

Drop cable suitable for outdoor application

Suitable for introducing fibre into the building

Cable Design

2, 4, 6 No of Single Mode Fibre – G.652D

Strength Member – ARP Rods

UV Stabilized HDPE Sheath, black

Supporting FRP Rod / Steel Wire

Mechanical Characteristics

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

Laying & Installation -10°C to +50°C

Operation -20°C to +60°C

Cable Bending Radius (IEC 60794-1-2-E11A)

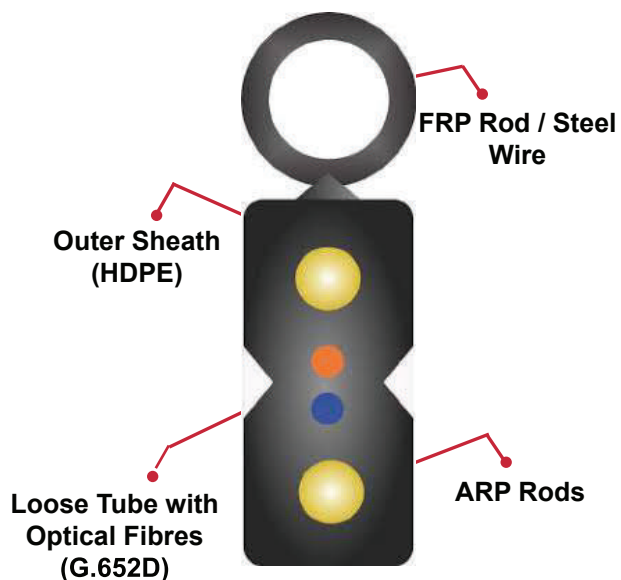
During Installation 20D, D=Cable Diameter

Installed 15D, D=Cable Diameter

Tensile Force (IEC 60794-1-2-E1)

Installed 500 N

During Installation 1000 N



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
2 to 6F	6.8 x 3.0	20	1000	500

Outdoor Fibre Optic Cable (2-8 F)

Applications

Indoor or Outdoor
Military or civil applications
Rapid Deployment in harsh conditions

Special Features

Lighter weight cable for fast and easy installation
Robust Construction
Rodent Proof
High crush resistance

Mechanical Characteristics

Tensile Force
During Installation 1800 N
Installed 1100 N
Crush Resistance 1000 N (100 X 100 mm)

Cable Construction

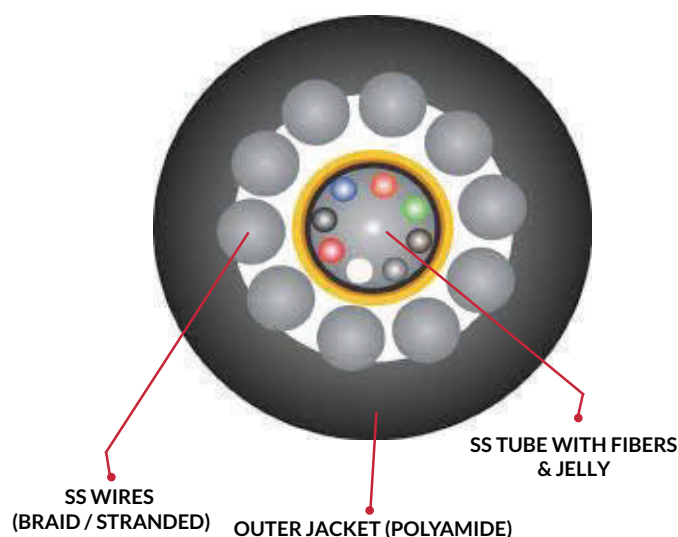
Up to 8 fibres, Single Mode or Multimode fibres
Gel-filled stainless steel loose tube, centrally placed in the cable
Armouring & strain relief made of stainless steel wires
Outer Sheath is of Polyamide with extra abrasion resistance

Temperature Range

Laying & Installation -50°C to +70°C
Operation -40°C to +60°C

Min Bending Radius

Permanent 10*D, D=Cable Diameter
Installed 15*D, D=Cable Diameter



**Stainless Steel Loose Tube with
Stainless Steel Wire Armouring Cable**

Variants*

*Cable can be supplied with single mode (ITU-T-G652, G655 and G657) & Multimode (50µm & 62.5µm)

*Outer Jacket can be of PVC, Nylon, PU, LSZH, and HDPE

Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Upto 8	4.0	28	1000	800

Tactical Cable (2-12 F)

Applications

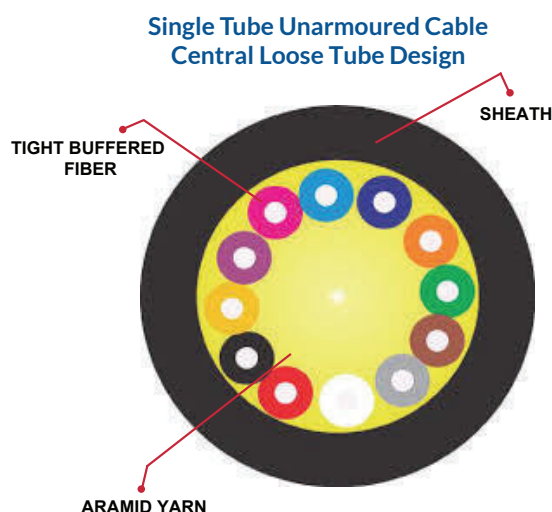
Suitable for Aerial, Pipeline Intra Building Backbones & Installation in harsh environment for Distribution

Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)
Laying & Installation -10°C to +50°C
Operation -20°C to +60°C

Tensile Force (IEC 60794-1-2-E1)

During Installation 1000 N
Installed 800 N



Cable Construction

Tight Buffered Fiber without jelly compound

Special Features

Light weight cable for fast and easy installation

Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation 25D, D=Cable Diameter
Installed 20D, D=Cable Diameter
Crush Resistance 1000 N

Drum Length

2000 / 3000 / 4000 meters $\pm$ 10%

Cable Drum Packing

Every length will be delivered on non-returnable wooden drums. Generally the cable drum flange will be marked with following.

Arrow showing rolling direction of drum.

Manufacturer's name

Number of fibers

Cable length in meters

Drum Number

Net & gross weight

Customer's name & destination

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

Cable Sheath Marking

Cable sheath shall be marked in white color with hot indentation method. Marking details can be customized. Below mentioned details are generally marked on the cable sheath. Drum Number, Telephone Symbol, Laser Symbol, Number of Fibers, Month & Year of Manufacturing, Manufacturer's Name Sequential Length Marking

Variants*

*Cable can be supplied with single mode (ITU-T-G652, G655 and G657) & Multimode (50 μ m & 62.5 μ m)

*Outer Jacket can be of PVC, NYLON, LSZH, HDPE and PU

*Cable construction can be jelly filled or dry core

*Strength member can be Steel or FRP

Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
2 to 8	6.0	30	1000	800
12	8	40	1000	800

4F + 5 Pair (Hybrid Cable)

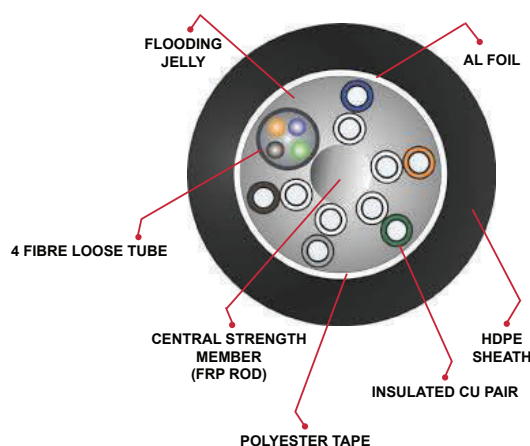
Cable Construction details

Strength Member	FRP Rod
No. of Fibres	4
Fibre Colour	Blue, Orange, Green & Natural
Conductor	Copper
Insulation	Solid Polythene (HDPE)
Loose Tube	1, PBTP
SZ Stranding	Loose Tube & 5 Pairs will be Stranded (SZ) over the Central Strength Member, Flooded with Jelly & suitably wrapped with Polyester Tape
Moisture Barrier Sheath	Flooding Jelly & Polyal Tape Black HDPE Sheath

Cable Electrical Characteristics

Conductor Diameter	Nominal 0.50 mm
Conductor Resistance at 20°C	86 ± 6 Ohm/Km
Mutual Capacitance at 800 to 1000 HZ	Individual 52 ± 4.5 nF/Km Average 52 ± 3.0 nF/Km
Capacitance Unbalance Pair to Pair	Individual Max 200 pF/Km Average Max 50 pF/Km
Capacitance Unbalance Pair to Ground	Individual Max 3000 pF/Km Average Max 750 pF/Km
Attenuation at 150 KHz at 20°C	Average Max 8.25 dB/Km
Near End Cross-talk at 150 KHz	Min 55.0 dB
Far End Cross-Talk at 150 KHz	Min 55.0 dB/Km
Insulation Resistance	Min 5000 Mohm.Km
Dielectric Strength	2.4 KV DC for 3 Second

OFS/Hybrid (4F+5Pr)/2016/01
Single Mode Fibre G.652D + 5 Pair



Fibre Count	Fibre Type	No. of Fibres
Blue	G-652 D	1
Orange	G-652 D	1
Green	G-652 D	1
Natural	G-652 D	1

Attenuation Cabled Fiber

At 1310nm	≤ 0.24dB/Km
At 1550nm	≤ 0.25dB/Km

Physical Characteristics

Cable Diameter
- 10.5 mm (Nominal)

Cable Weight per Km
- 110 Kg (Nominal)

Tensile
1000 N

Crush
500 N

Impact Resistance
10 N, 0.5 Mtr, 3 Nos.

Torsion Resistance
± 180°, 5 turns, 20 N

Cable Bend
20 D, D = Cable Diameter

Temperature Range
-10°C to +60°C

Pair No	Insulation Col	No. of Pair
1st Pair	White & Blue	1
2nd Pair	White & Orange	1
3rd Pair	White & Green	1
4th Pair	White & Brown	1
5th Pair	White & Slate	1

General Instructions

Drum Length

3000 meters $\pm$ 5%

Cable Sheath Marking

Cable sheath shall be marked in black colour with hot foil indentation / inkjet printing. Marking details can be customized. Below mentioned details are generally marked on the cable sheath.

Drum Number, Telephone Symbol, Laser Symbol, Number of Fibres, Cable Type, Manufacturer's Name, Year, Sequential Length Marking.

Cable Drum Packing

Every length will be delivered on non-returnable wooden drums. Generally the cable drum flange will be marked with following.

- Arrow showing rolling direction of the drum.
- Manufacturer's name
- Number of fibres
- Cable length in meters
- Drum Number
- Net & Gross weight
- Customer's name & destination

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



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