

OPTICAL FIBRE

C A B L E S

CONTRIBUTING TO DIGITAL INDIA

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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*

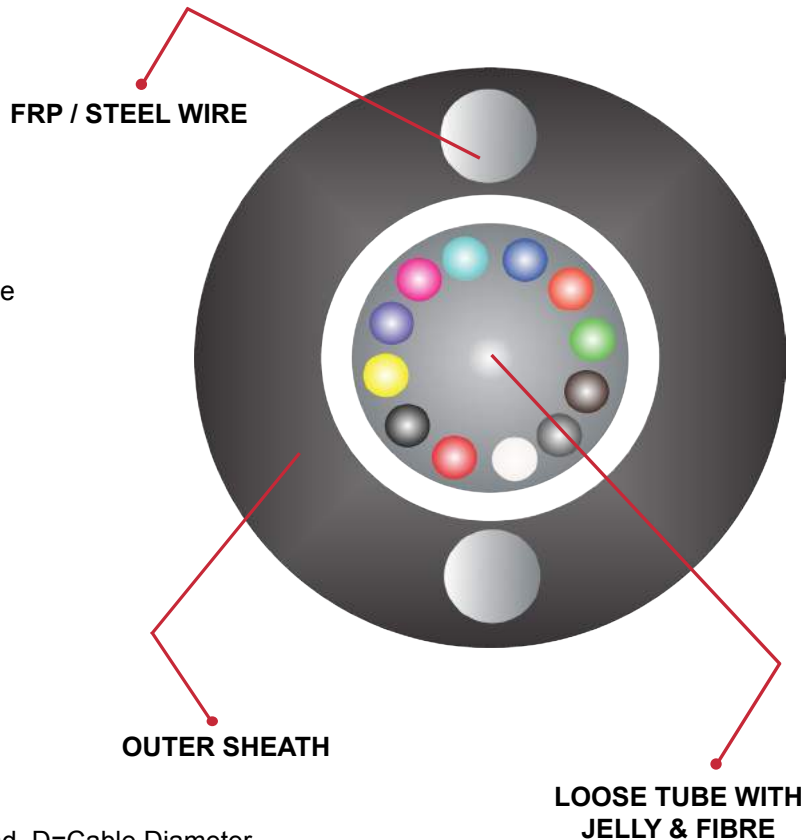
*Cable can be supplied with single mode (ITU-T-G652, G655, and G657)

& Multimode (50µm & 62.5µm)

*Outer Jacket can be of PVC~LSZH, and HOPE

*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
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 fiber 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

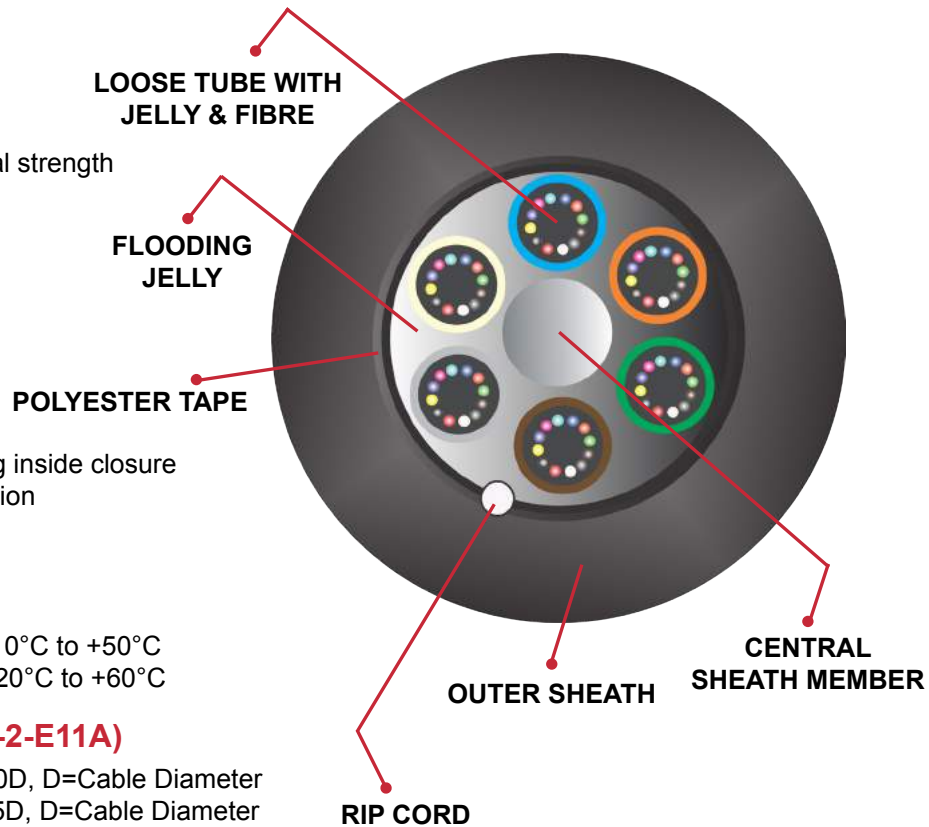
Cable Bending Radius (IEC 60794-1-2-E11A)

During Installation 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

Multi-tube Single Sheath Unarmoured Cable Multi Loose Tube Design



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

*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
Upto 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 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 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*

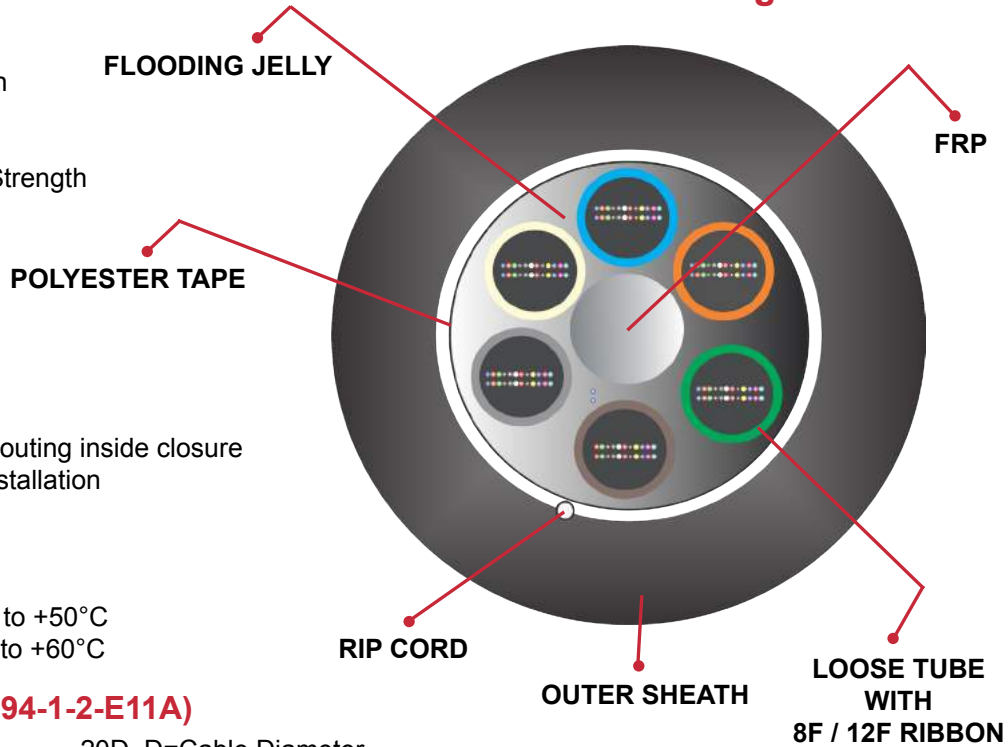
*Cable can be supplied with single mode (ITU-T-G652, G655, and G657) & Multimode (50µm & 62.5µm)

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

*Strength member can be Steel or FRP

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

Ribbon Type Unarmoured Cable Multi Loose Tube Design



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

Uni Tube Unarmoured Cable Design

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

Special Features

Lighter weight cable for fast and easy installation
 Robust Construction

Mechanical Characteristics

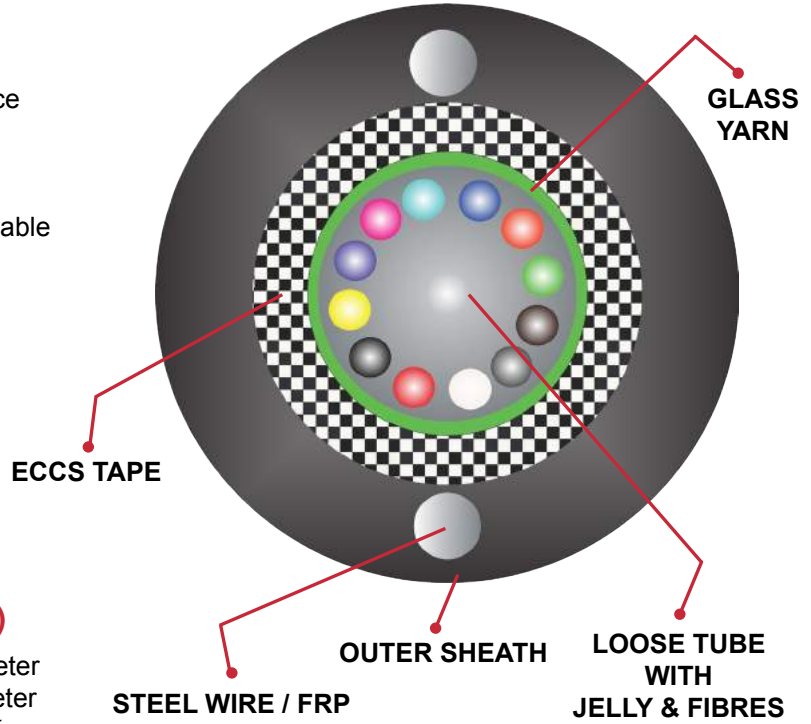
Temperature Range (IEC 60794-1-2-F1)
 Laying & Installation -10°C to +50°C
 Operation -20°C to +60°C

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

During Installation 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 1800 N
 Installed 1000 N
 Torsion Resistance (IEC 60794-1-2-E7) 10 Cycle (± 360°) 5 Kg, weight, L=1 Mtr
 Crush Resistance (IEC 60794-1-2-E3) 1000 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
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*

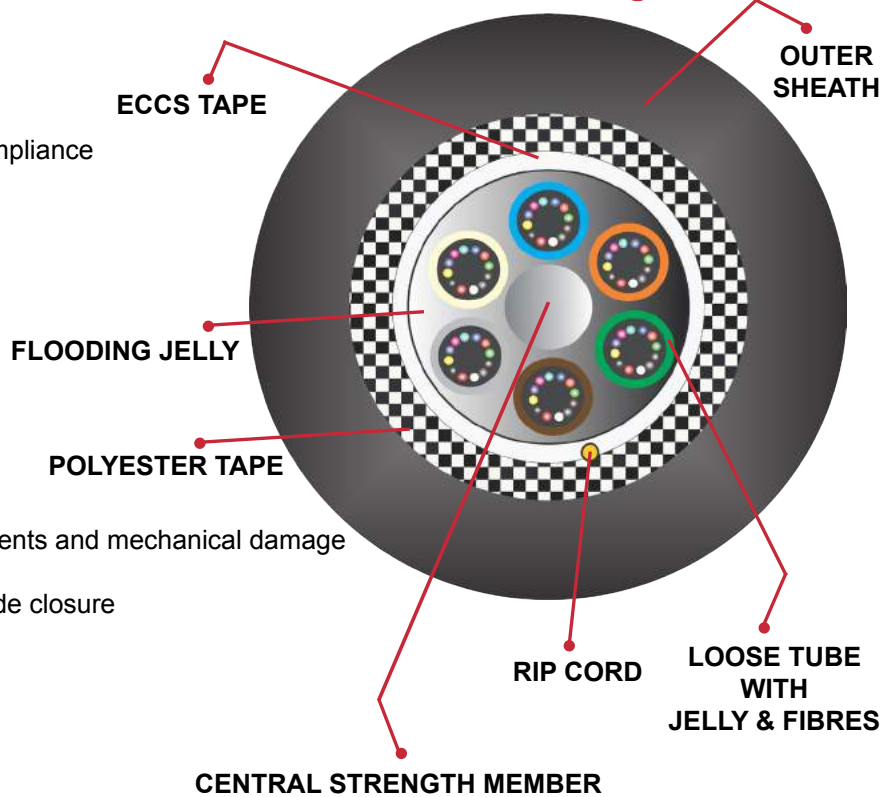
*Cable can be supplied with single mode (ITU-T-G652, G655, and G657) & Multimode (50µm & 62.5µm)

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

*Strength member can be Steel or FRP

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

Multi-tube Single Sheath Armoured Cable Design



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Upto 72	11.5	125	2700	1500
96	13.5	170	2700	1500
144	16.5	250	2700	1500

Outdoor Cables (2-144 F)

Multi-tube Double Sheath Armoured Cable Design

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

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

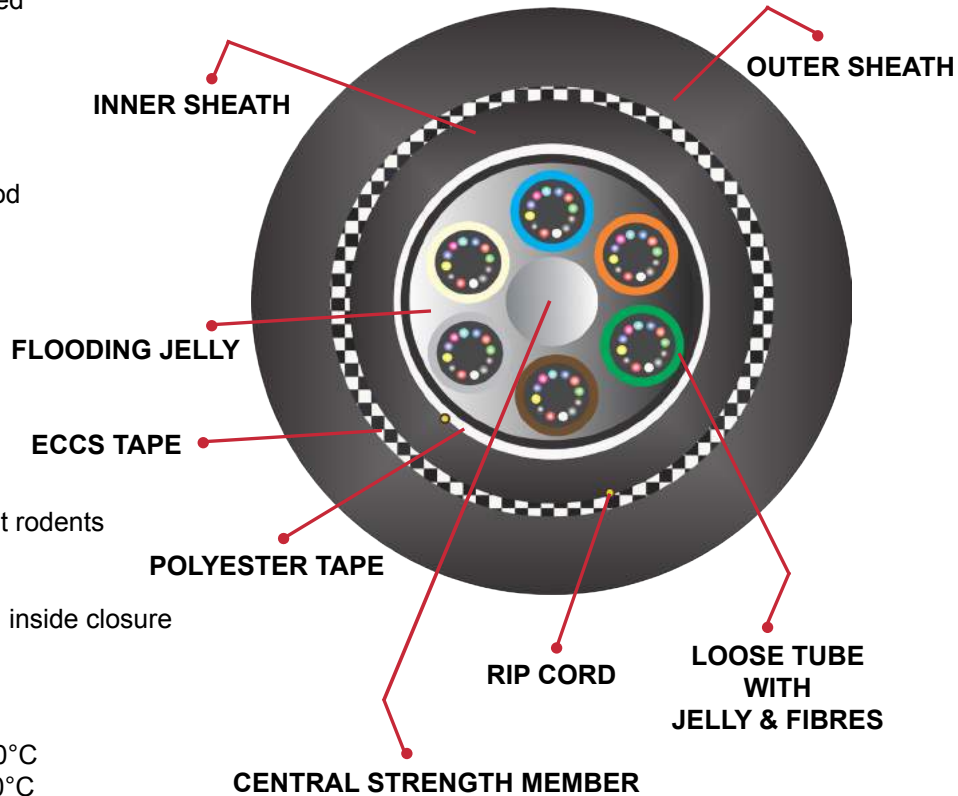
During Installation 20D, D=Cable Diameter
 Installed 15D, D=Cable Diameter
 Repeated Bending 30 Cycle, r=20D, 5 Kg
 (IEC 60794-1-2-E6) Load, D=Cable Diameter

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

During Installation 3500 N
 Installed 2000 N
 Torsion Resistance (IEC 60794-1-2-E7) 10 Cycle (± 360°) 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, Nylon, LSZH, and HDPE
- *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
Upto 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

Special Features

Single layer stranded construction
Offers exceptional strength and corrosion resistance for Aerial application
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

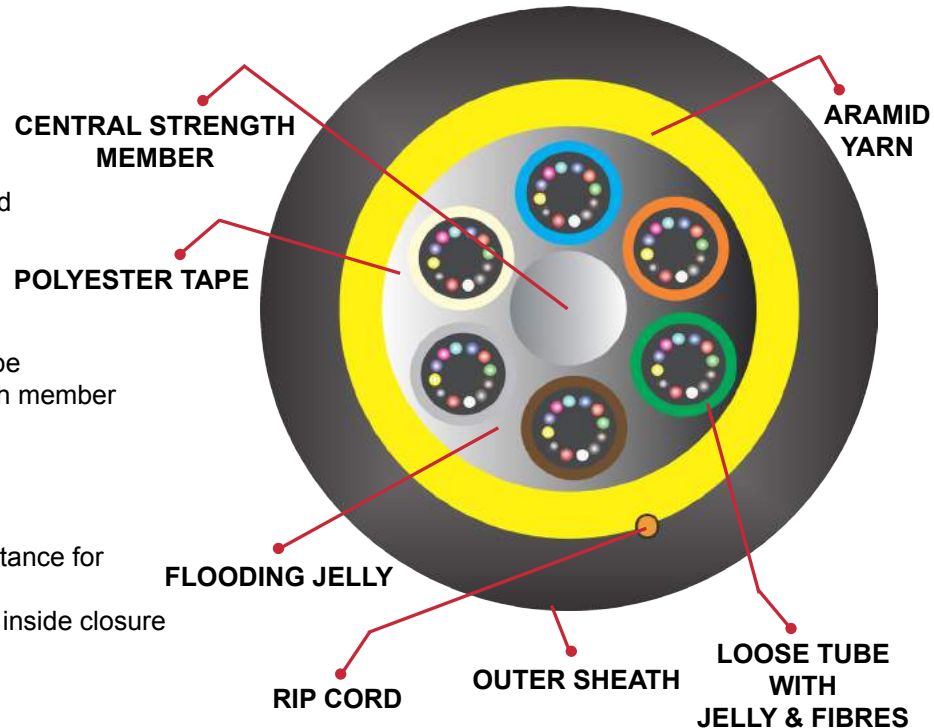
Tensile Force (IEC 60794-1-2-E1)

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

All Dielectric Self Supporting Cable Multi Loose Tube Design



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Upto 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 tensile, stranded steel wire used as messenger
UV stabilized outer sheath, black

Special Features

Single layer stranded construction
Offers exceptional strength and corrosion resistance for
Aerial application with high tensile messenger
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 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

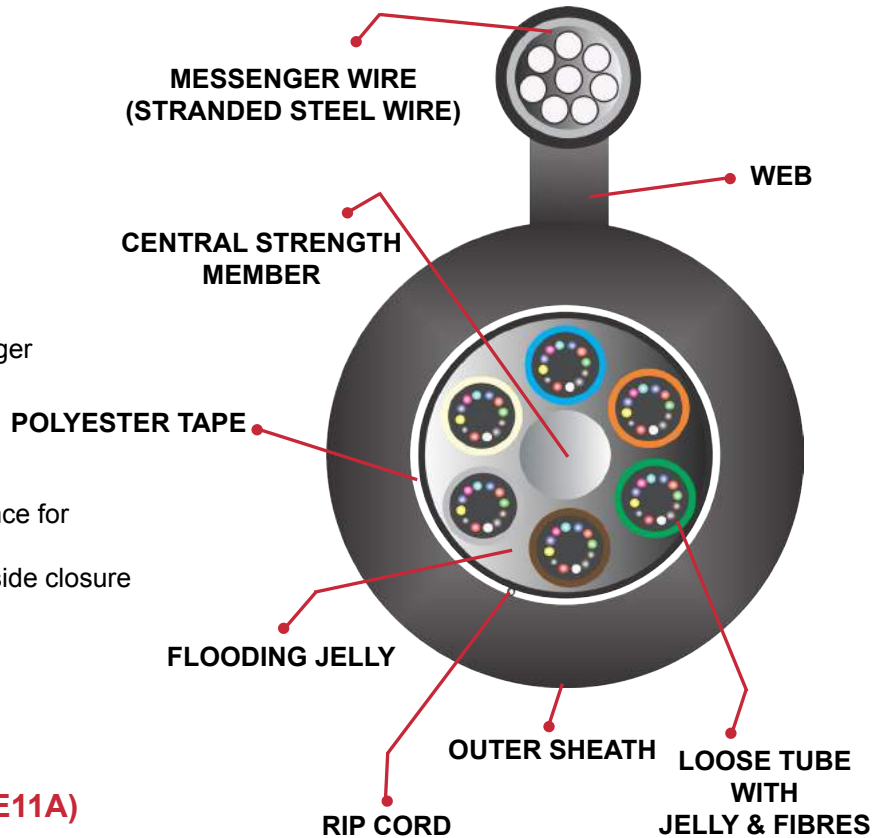
Variants*

*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

Self Supporting Aerial Cable Multi Loose Tube Design



Fibre Count	Diameter (mm) (Nominal)	Weight (kg/km)	Tensile Strength Installation	Tensile Strength Installed
Upto 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

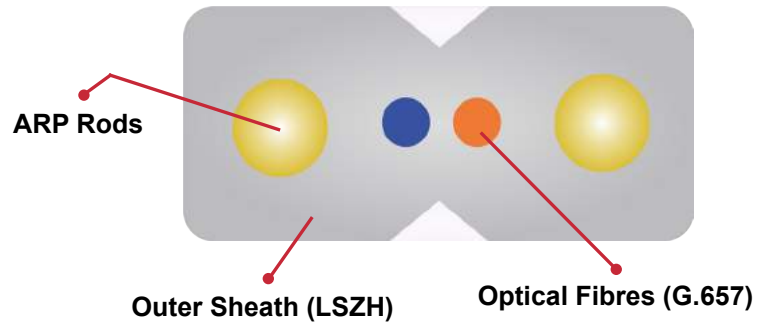
Strength Member – ARP Rods

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 2 F	3.2 * 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)

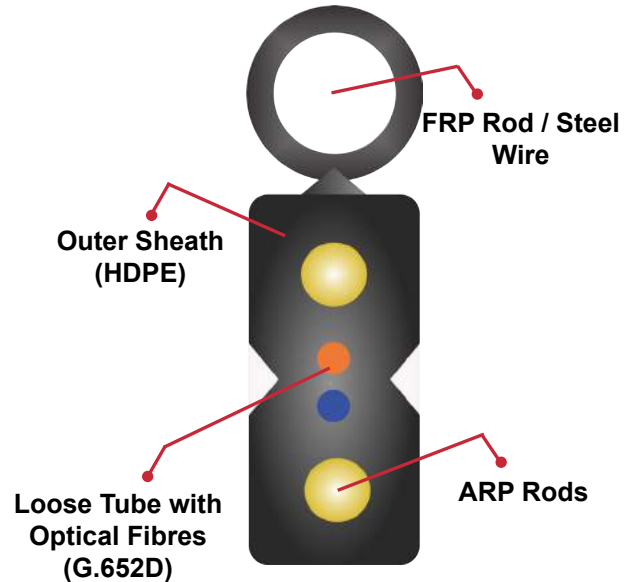
During Installation 20D, D=Cable Diameter

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 6 F	6.8 * 3.0	20	1000	500

Outdoor FO Cable (2-8 F)

Stainless Steel Loose Tube with Stainless Steel Wire Armouring Cable

Applications

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

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

Special Features

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

Temperature Range

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

Mechanical Characteristics

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

Min Bending Radius

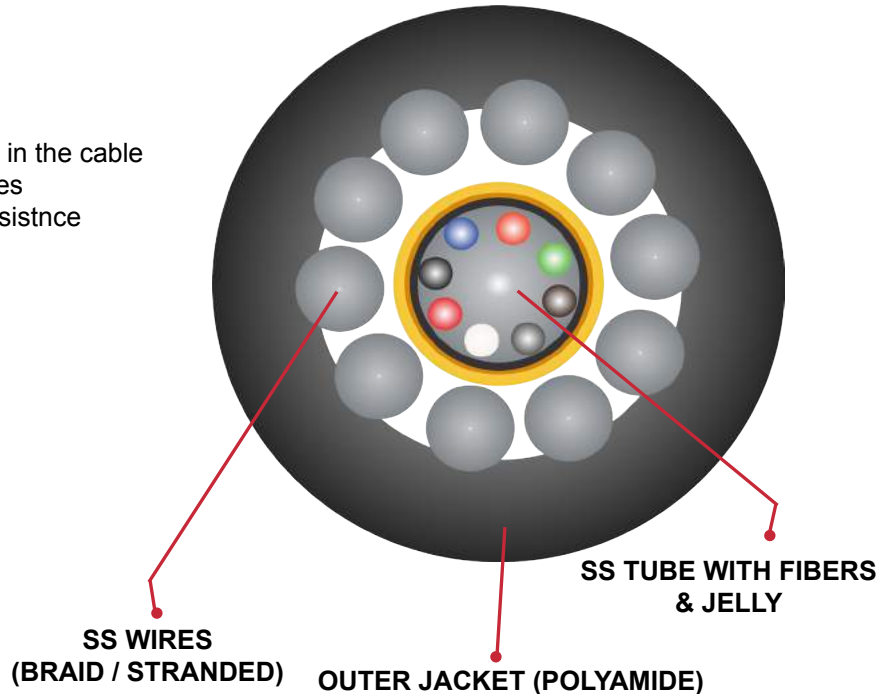
Permanent 10*D, D=Cable Diameter
 Installed 15*D, D=Cable Diameter

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

**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
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

Cable Construction

Tight Buffered Fiber without jelly compound

Special Features

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

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

During Installation 1000 N
 Installed 800 N

Drum Length

2000 / 3000 / 4000 meters ± 10%

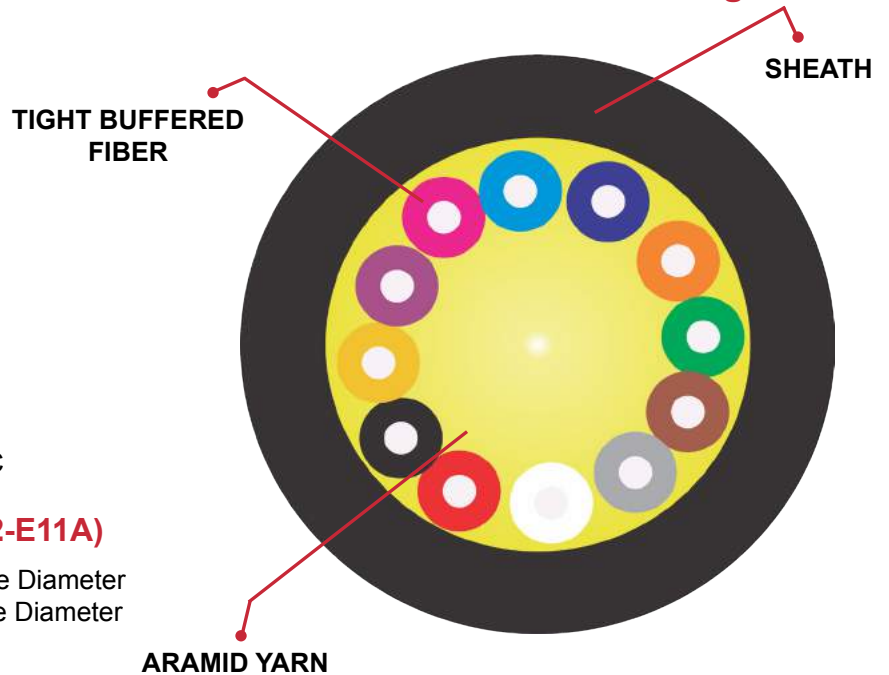
Cable Sheath Marking

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 (50µm & 62.5µm)
- *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
- *These are general characteristics; customized designs are available as per requirements

Single Tube Unarmoured Cable Central Loose Tube Design



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

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

Attenuation Cabled Fibre

At 1310nm	≤ 0.38 dB/Km
At 1550nm	≤ 0.25 dB/Km

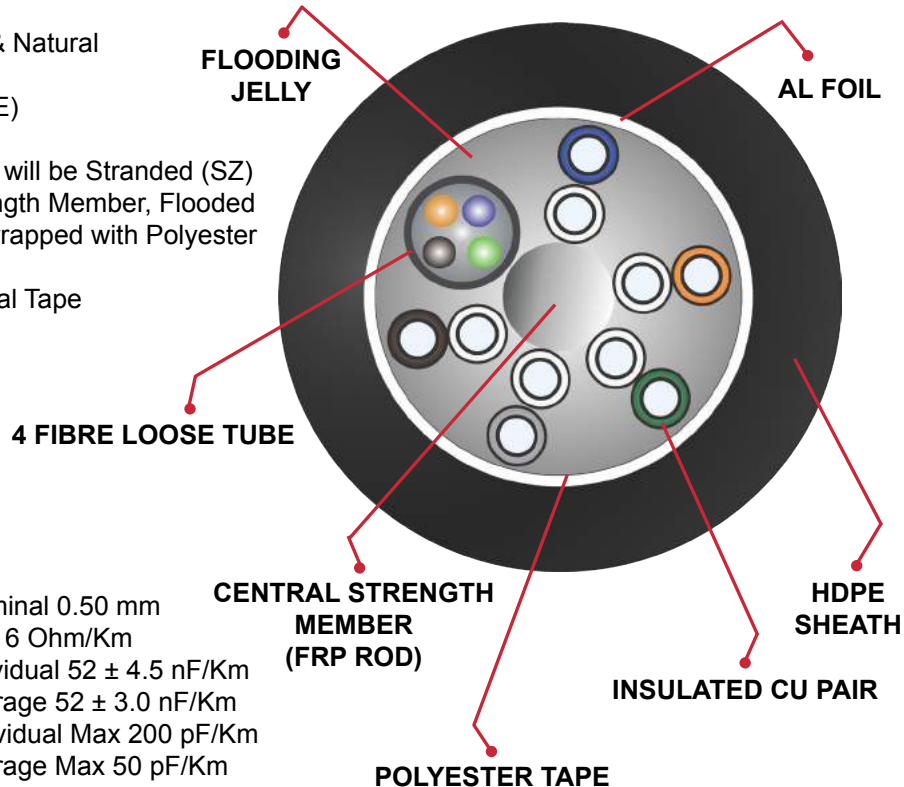
Cable Electrical Characteristics

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

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

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



Fibre Colour	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

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

2000 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.

Other Product Range

- Medium Voltage (HT) and Low Voltage (LT) XLPE Power Cables, from 1.1kv to 33kv, including FR and FRLS cables
- Medium Voltage (HT) and Low Voltage (LT) Aerial Bunch Cables, from 1.1kv to 33kv
- Low Voltage PVC Power and Control Cables, 1.1kv, including FR and FRLS cables
- Instrumentation Cables
- Thermocouple Extension and Compensating Cables
- Jelly Filled Telecom Cables
- Aerial Telecom Cables
- Railway Signaling Cables
- Axle Counter Cables for Railways
- Fire Punch and Fire Punch Secure Fire Performance Cables
- Solar Cables
- MDF and Switch Board Cables
- Lead Free, Heat Resistant FR, FRLS and ZHLS Building Wires
- Flat 3 Core Cables for Submersible Pumps
- Single Core and Multi Core Flexible Cables
- Other Specialized Cables

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