



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 applicaton, aerial applicaton 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)



During Installation 800 N Installed 500 N

Torsion Resistance (IEC 60794-1-2-E7)

Crush Resistance (IEC 60794-1-2-E3)

10 Cycle (± 360°) 5 Kg weight, L=1 Mtr
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

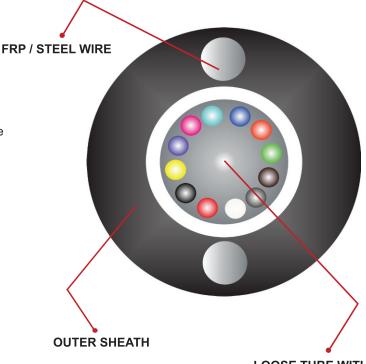
Variants*

*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 $-10^{\circ}\text{C to } +50^{\circ}\text{C}$ Operation $-20^{\circ}\text{C to } +60^{\circ}\text{C}$

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) 30 Cycle, r=20D, 5 Kg 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 (± 360°) 5 Kg,Weight, L=1 Mtr Crush Resistance (IEC 60794-1-2-E3) 1800 N (100 X 100 mm)for 60 sec

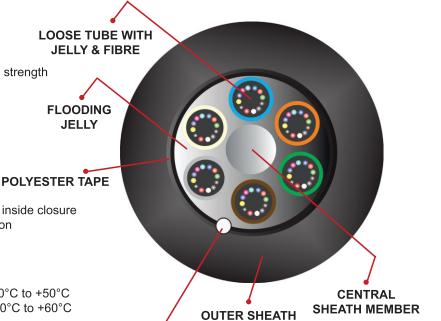
Kink Resistance (IEC 60794-1-2-E10) 10D, D=Cable Diameter

Variants*

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

*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



RIP CORD

Multi-tube Single Sheath Unarmoured Cable

Multi Loose Tube Design

^{*}Outer Jacket can be of PVC, LSZH, and HDPE

^{*}Strength member can be Steel or FRP

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 $+50^{\circ}\text{C}$ Operation -20°C to $+60^{\circ}\text{C}$

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

During Installation20D, D=Cable DiameterInstalled 15D,D=Cable DiameterRepeated Bending30 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°) 5 Kg,weight, L=1 Mtr Crush Resistance (IEC 60794-1-2-E3) 1500 N (100 X 100 mm) for 60 sec

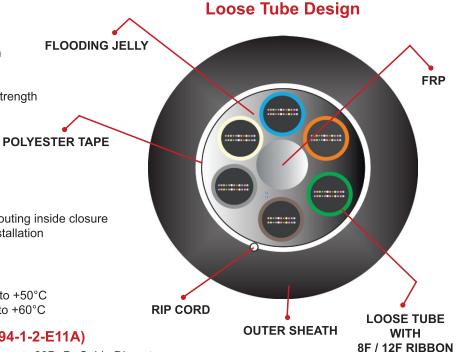
Kink Resistance (IEC 60794-1-2-E10) 15D, D=Cable Diameter

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

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



Ribbon Type Unarmoured Cable Multi

Applications

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

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

(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°) 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

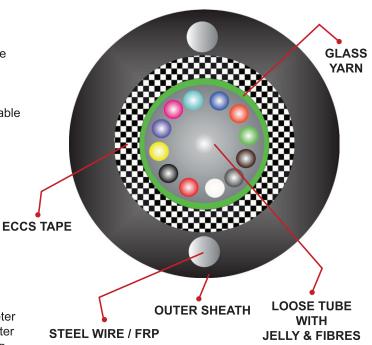
Water Penetration (IEC 60794-1-2-F5B) 1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

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

Uni Tube Unarmoured 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 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 $+50^{\circ}\text{C}$ Operation -20°C to $+60^{\circ}\text{C}$

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 (± 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*

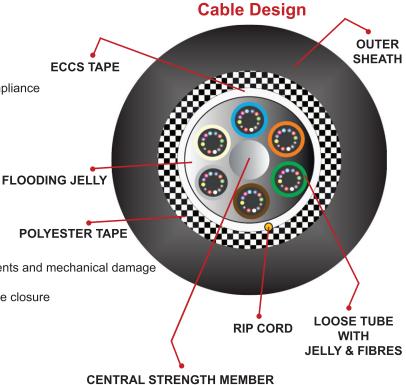
*Cable can be supplied with single mode (ITU-T-G652, G655, and G657) & Multimode (50µm & 62.5µm)

*Outer Jacket can be of PVC, 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	11.5	125	2700	1500
96	13.5	170	2700	1500
144	16.5	250	2700	1500



Multi-tube Single Sheath Armoured

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)

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 $+50^{\circ}\text{C}$ Operation -20°C to $+60^{\circ}\text{C}$

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

During Installation

20D, D=Cable Diameter
Installed

15D,D=Cable Diameter
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 (\pm 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

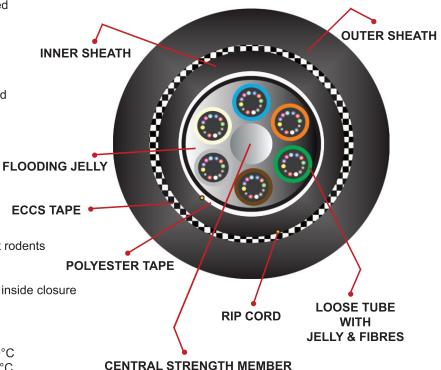
Water Penetration (IEC 60794-1-2-F5B) 1 Mtr Water Head, 3 Mtr Cable Sample, 24 Hours

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

Multi-tube Double Sheath Armoured Cable Design



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)

Crush Resistance (IEC 60794-1-2-E3)

10 Cycle (± 360°) 5 Kg, weight, L=1 Mtr
2000 N (100 X 100 mm), for 60 sec

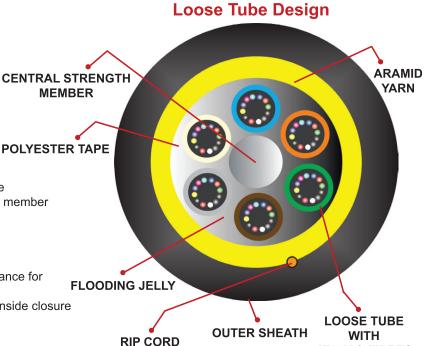
Kink Resistance (IEC 60794-1-2-E10) 20D, D=Cable Diameter

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

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



JELLY & FIBRES

All Dielectric Self Supporting Cable Multi

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*

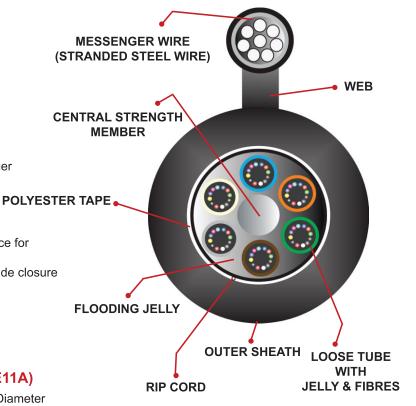
*Cable can be supplied with single mode (ITU-T-G652, G655, and G657) & Multimode (50µm & 62.5µm)

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

*Cable construction can be jelly filled or dry core

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

Self Supporting Aerial Cable Multi Loose Tube Design



FTTH Cable (2F)

ARP Rods

Outer Sheath (LSZH)

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*

^{*}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 Wlre

Mechanical Characteristics

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

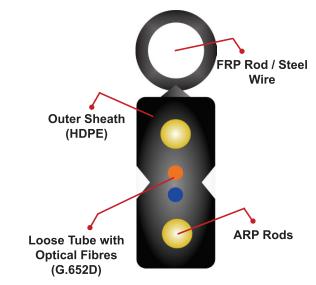
Laying & Installation -10°C to +50°C Operation -20°C to +60°C

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

During Installation 20D, D=Cable Diameter 15D, D=Cable Diameter

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

Installed 500 N During Installation 1000 N



Optical Fibres (G.657)

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

^{**}Strength member can be Steel or FRP

Outdoor FO Cable (2-8 F)

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 resistnce

Special Features

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

Temperature Range

Laying & Installation -50°C to $+70^{\circ}\text{C}$ Operation -40°C to $+60^{\circ}\text{C}$

Mechanical Characteristics

Tensile Force

During Installation 1800 N Installed 1100 N

Crush Resistance 1000 N (100 X 100 mm)

Min Bending Radius

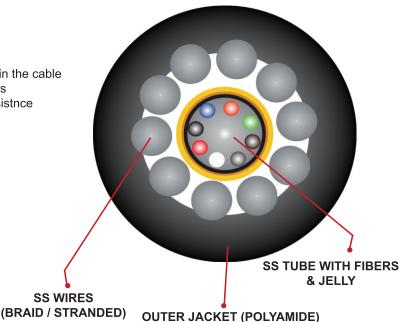
Permanent 10*D, D=Cable Diameter Installed 15*D, D=Cable Diameter

Variants*

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

Stainless Steel Loose Tube with Stainless Steel Wire Armouring Cable



Tactical Cable (2-12 F)

Applications

Suitable for Aerial, Pipeline Intra Building Backbones & Installation inharsh 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 20D, D=Cable Diameter

Crush Resistance 1000 N

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

During Installation 1000 N Installed 800 N

Drum Length

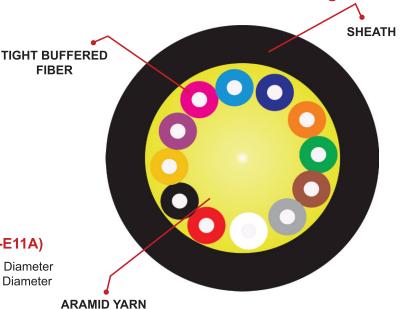
2000 / 3000 / 4000 meters ± 10%

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 , Manafacturer's Name Sequential Length Marking

Single Tube Unarmoured Cable Central Loose Tube Design



Cable Drum Packing

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

Arrow showing rolling direction of drum.

Manufacturer's name Number of fibers

Cable lenght 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

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

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)

FLOODING

Cable Construction details

FRP Rod Strength Member

No. of Fibres

Fibre Colour Blue, Orange, Green & Natural

Conductor Copper

Solid Polythene (HDPE) Insulation

1, PBTP Loose Tube

Loose Tube & 5 Pairs will be Stranded (SZ) SZ Stranding

over the Central Strength Member, Flooded with Jelly & suitably wrapped with Polyester

Flooding Jelly & Polyal Tape Moisture Barrier

Black HDPE Sheath Sheath

Attenuatiuon Cabled Fibrer

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

Cable Electrical Characteristics

Conductor Diameter Conductor Resistance at 20°C

Mutual Capaciatnce at 800 to 1000 HZ

Capacitance Unbalance Pair to Pair

Capacitance Unbalance Pair to Ground

Attenuation at 150 KHz at 20°C Near End Cross-talk at 150 Khz Far End Cross-Talk at 150 Khz

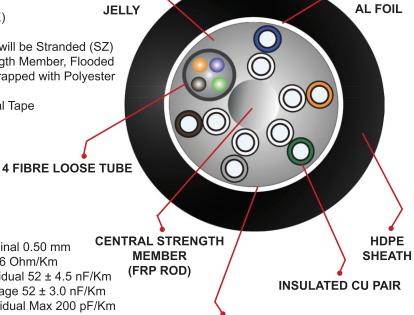
Insulation Resistance Dielectric Strength

Nominal 0.50 mm 86 ± 6 Ohm/Km Individual 52 ± 4.5 nF/Km Average 52 ± 3.0 nF/Km Individual Max 200 pF/Km Average Max 50 pF/Km Individual Max 3000 pF/Km Average Max 750 pF/Km

Average Max 8.25 dB/Km Min 55.0 dB Min 55.0 dB/Km

Min 5000 Mohm.Km 2.4 KV DC for 3 Second

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



POLYESTER TAPE

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

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 ± 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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ISO 9001 & 14001 Certified

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