

Hong Kong Almafiber Technology LTD

# Fiber Optic Cable Series



# contents

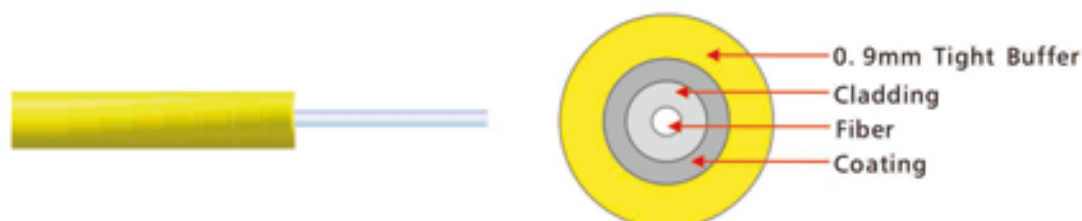
## contents

GJJV Tight Buffer Cable -----	1
GJFJV Simplex Round Cable -----	2
GJFJV Duplex 8 - Type Cable -----	3
GJFJBV Duplex Flat Cable -----	4
GJSJV Simplex Armoured Round Cable -----	5
GJSJBV Duplex Armoured Flat Cable -----	6
GJBFJV Break out Cable -----	7
GJPFJV Distribution Cable -----	8
GJYWFJH Indoor/Outdoor Cable -----	9
GJYFJH Indoor/Outdoor Cable -----	10
GJYWFJH2 Indoor/Outdoor Cable -----	11
GJYFJH2 Indoor/Outdoor Cable -----	12
GJYWFJY5 Indoor/Outdoor Cable -----	13
GYFJH53 Indoor/Outdoor Cable -----	14
GJXFH Flat Drop Cable -----	15
GJYXFCH self-support Flat Drop Cable -----	16
FTTP Tight Buffered Indoor/Outdoor Cable -----	17
GYTC8H Round Self-Support Cable -----	18
GYXTW Outdoor Cable -----	19
GYDXTW Outdoor Cable -----	20
GYTC8S Outdoor Cable -----	21
GYXTC8S Outdoor Cable -----	22
GYFTY Outdoor Cable -----	23
GYFTY53 Outdoor Cable -----	24
GYTS Outdoor Cable -----	25
GYTA53 Outdoor Cable -----	26
GYXTS Outdoor Cable -----	27
ADSS Outdoor Cable -----	28

# GJJV Tight Buffer Cable

Indoor

Cable structure:



## Description:

GJJV Tight Buffer Cable is produced as that fiber is sheathed by buffer material (PVC, OFNR, OFNP, LSZH or other material as requirements).

## Features:

- High quality tight buffered or loose tube.
- Round structure, soft and easy to strip.
- Excellent temperature performance.

## Application:

- Components for various of indoor cable.
- Suitable for patch cord and pigtails.
- Suitable for various of communication equipments.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Max. tensile Strength (N)		Min. Bending Radius (mm)	
			Short-term	Long-term	Dynamic	Static
GJJV-1Xn	0.6±0.05	0.6	6	3	20D	15D
GJJV-1Xn	0.9±0.05	0.9	6	3	20D	15D
Storage/Working temperature (°C)			-20~+60			

Note: Xn is fiber optic model and D is the diameter of optical cable.

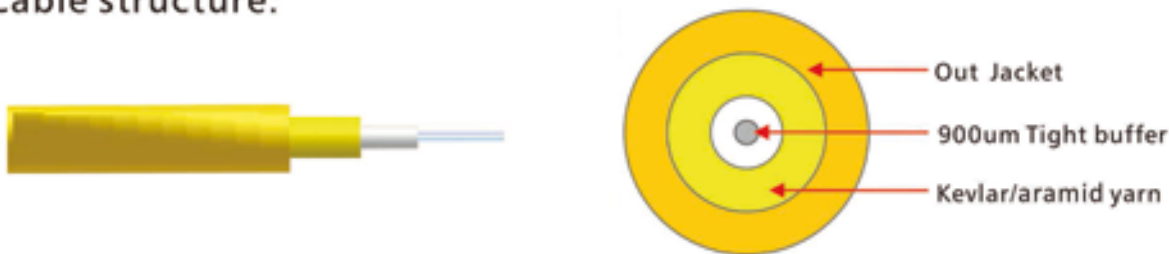
## Packing and Reel Length

- ★. Standard wooden drum with protection.
- ★. Standard reel length: 2/3 km/reel, other length is also available.

# GJFJV Simplex Round Cable

Indoor

## Cable structure:



## Description:

GJFJV Simplex Round Cable use 900um tight buffer fiber as optical communication medium, the tight buffer fiber wrapped with a layer of yarn as strength member, and the cable is completed with outside jacket. (PVC, OFNR, OFNP, LSZH or other material as requirements )

## Features:

- High strength Kevlar yarn member.
- High quality tight buffered or loose tube .
- Round structure, soft and easy to strip.
- Excellent temperature performance.

## Application:

- Components for various of indoor cable.
- Suitable for patch cord and pigtails.
- Suitable for various of communication equipments.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJFJV-1Xn	1.8±0.2	2.5	100	60	500	100	20D	15D
GJFJV-1Xn	2.8±0.2	3.5	100	60	500	100	20D	15D
Storage/Working temperature(°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJFJV Duplex 8 - Type Cable Indoor

Cable structure:



## Description:

GJFJV Duplex 8 - Type Cable use 900um or 600um tight buffer fiber as optical communication medium, the tight buffer fiber wrapped with a layer of yarn as strength member, and the cable is completed with a figure 8 outside jacket (PVC, OFNR, OFNP, LSZH or other material as requirements ).

## Features:

- High strength Kevlar yarn member.
- High quality tight buffered or loose tube .
- Figure 8 structure, soft and easy to strip.
- Excellent temperature performance.

## Application:

- Suitable for patch cord and pigtails ,indoor distribution .
- Suitable for various of communication equipments.
- Can be installed conveniently and operated simply.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJFJV-2Xn	$(1.8 \pm 0.2) * (3.7 \pm 0.2)$	8.2	200	100	500	100	20D	15D
GJFJV-2Xn	$(2.8 \pm 0.2) * (5.8 \pm 0.2)$	11.6	200	100	500	100	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJFJBV Duplex Flat Cable

Indoor

## Cable structure:



## Description:

GJFJBV Duplex Flat Cable use 900um or 600um flame-retardant tight buffer fiber as optical communication medium. The tight buffer fiber wrapped with a layer of yarn as strength member units, then the cable is completed with a layer of flat outside jacket. (PVC, OFNR, OFNP, LSZH or other material as requirements).

## Features:

- High strength Kevlar yarn member.
- High quality tight buffered or loose tube .
- Two single fiber as basis unit, flat twin configuration .
- Excellent temperature performance.

## Application:

- Suitable for patch cord and pigtails ,indoor distribution
- Suitable for various of communication equipments.
- Can be installed conveniently and operated simply.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJFJBV-2Xn	$(3.0 \pm 0.2) * (5.4 \pm 0.2)$	13.8	200	100	500	100	20D	15D
GJFJBV-2Xn	$(3.8 \pm 0.2) * (7.0 \pm 0.2)$	20.0	200	100	500	100	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

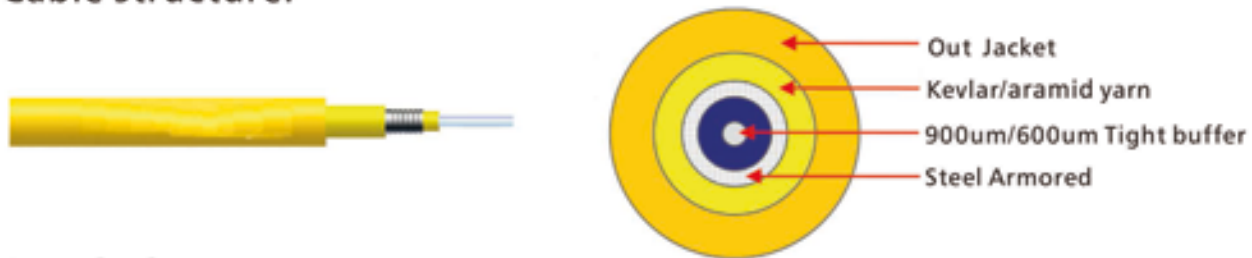
## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJSJV Simplex Armoured Round Cable

Indoor

Cable structure:



## Description:

GJSJV Simplex Armoured Round Cable use 600um & 900um tight buffer fiber, steel tube protect, reinforcing steel-wire braiding (Kevlar/aramid yarn), flame-retardant jacket. High indentation strength, high tensile strength, gopher protected, small diameter, flexibility and easy bend.

## Features:

- 0.6mm or 0.9mm tight buffer fiber .
- High strength kevlar yarn member.
- Steel armored flexible tube ,increase the cable's twist resistance.
- Small cable volume ,and light weight .

## Application:

- Adopted to indoor distribution .
- As pigtail of communication equipment .
- Suitable for communication equipment served.
- Can be installed conveniently and perated simply.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJSJV-1Xn	1.8±0.2	16.0	400	200	2000	1000	20D	15D
GJSJV-1Xn	2.8±0.2	18.5	400	200	2000	1000	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJSJBV Duplex Armoured Flat Cable

Indoor

## Cable structure:



## Description:

GJSJBV Duplex Armoured Flat Cable use 600um & 900um tight buffer fiber, steel tube protect, reinforcing steel-wire braiding (Kevlar/aramid yarn), flame-retardant jacket. High indentation strength, high tensile strength, gopher protected, small diameter, flexibility and easy bend.

## Features:

- Two single-fiber as basic unit, flast twin configuration.
- Single -cable with 0.6mm or 0.9mm tight buffer .
- Kevlar yarn steel armored flexible or out sheath independent strength member.
- Excellent mechanical and enviromental performance .

## Application:

- Adopted to indoor distribution.
- As pigtail of communication equipment .
- Suitable for communication equipment served .
- Can be installed conveniently and perated simply .

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJSJBV-2Xn	$(3.0 \pm 0.2) * (5.4 \pm 0.2)$	35.5	1000	300	2000	1000	20D	15D
GJSJBV-2Xn	$(3.8 \pm 0.2) * (7.0 \pm 0.2)$	38.5	1000	300	2000	1000	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

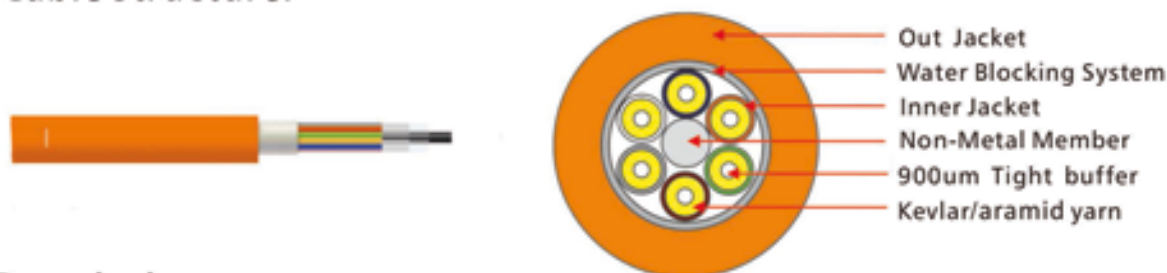
- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.



## GJBFJV Break out Cable

Indoor

Cable structure:



### Description:

GJBFJV Breakout Cable contains several tight-buffered fibers, kevlar/aramid strength members to stiffen the cable and prevent kinking. Three cable fire ratings, Riser/Plenum/LSZH for your choice to meet different installation environments.

### Features:

- Subcabled fiber is environmentally and mechanically protected.
- Non-metal FRP central strength member, anti-electromagnetic interference.
- Riser/LSZH jacket, used for backbone, horizontal, and intrabuilding runs.
- Perfect for horizontal distribution for Fiber-to-the-desk.
- Used in optical connections in optical apparatus and equipment.

### Application:

- Indoor cabling as branch cable; building access.
- Interconnection of fiber optic equipments.
- Used in patch cords and pigtails.

### Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJBFJV-4Xn	7.4±0.2	45.5	660	200	1000	300	20D	15D
GJBFJV-6Xn	9.0±0.3	63.0	660	200	1000	300	20D	15D
GJBFJV-8Xn	10.0±0.3	84.0	660	200	1000	300	20D	15D
GJBFJV-12Xn	12.5±0.3	148.0	660	200	1000	300	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

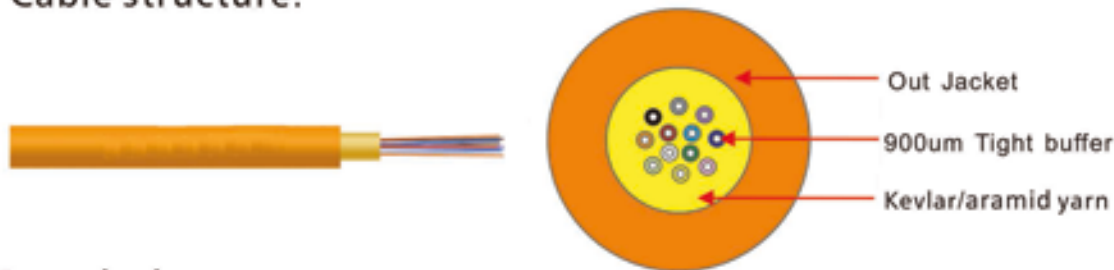
### Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJPFJV Distribution Cable

Indoor

Cable structure:



## Description:

GJPFJV Multi-Core Round Tight Buffered Distribution Indoor Fiber Optic Cable with good mechanical and environmental characteristics. Flame retardant characteristics meet the requirements of relevant standards. The mechanical and physical characteristics of the outer jacket meet the requirement of relevant standards. Soft, flexible and easy to do stripping, splicing and cabling.

## Features:

- Flexible, flame-retardant & color coded outer jacket.
- Non-unitized designs provide space savings and cost advantages .
- Work as pigtails and patch cords .
- Optical communication cables for inside plant installations .
- Suitable for indoor use, communication equipment.

## Application:

- Indoor cabling and distribution.
- Interconnection of fiber optic equipments, especially ODF.
- Used in patch cords and pigtails.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJPFJV-4Xn	4.8±0.2	16. 2	660	200	1000	300	20D	15D
GJPFJV-6Xn	5.2±0.2	20. 0	660	200	1000	300	20D	15D
GJPFJV-8Xn	6.2±0.2	26. 0	660	200	1000	300	20D	15D
GJPFJV-12Xn	6.8±0.2	31. 5	660	200	1000	300	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJYWFJH Indoor/Outdoor Cable FTTA

Cable structure:



Out Jacket

Kevlar/aramid yarn

2x0.9mm tight buffer

## Description:

GJYWFJH Indoor/Outdoor Cable used as the optical transmission medium with 900um subcable, a layer of aramid yarn is placed outside the compact fiber to enhance the element, and the cable is completed with outside jacket. (PVC,LSZH,TPU, PE or other materials according to customer's requirements) .

## Features:

- Good mechanical and temperature characteristics.
- Good lateral compression and flexibility.
- Small diameter, light weight, easy to connect, and support large capacity data transmission.
- Outer jacket material has the advantages of water proof, flame retardant, environmental protection.

## Application:

- Remote base station communication such as RRU or BBU.
- Smart substation and CATV Outdoor application.
- Emergency access to optical fiber communication.
- Used in FTTH, from residence to data center and cabling level and vertical, also used in FTTH cable.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJYWFJH-2Xn	4.8±0.2	28.3	600	300	1000	500	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

## GJYFJH Indoor/Outdoor Cable FTTA

Cable structure:



### Description:

GJYFJH Indoor/Outdoor Cable used as the optical transmission medium with 2.0mm subcable, a layer of aramid yarn is placed outside the compact fiber to enhance the element, and the cable is completed with outside jacket. (PVC,LSZH,TPU, PE or other materials according to customer's requirements) .

### Features:

- Good mechanical and temperature characteristics.
- Good lateral compression and flexibility.
- Small diameter, light weight, easy to connect, and support large capacity data transmission.
- Outer jacket material has the advantages of water proof, flame retardant, environmental protection.

### Application:

- Remote base station communication such as RRU or BBU.
- Smart substation and CATV Outdoor application.
- Emergency access to optical fiber communication.
- Used in FTTH, from residence to data center and cabling level and vertical, also used in FTTH cable.

### Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJYFJH-2Xn	7.0±0.2	42.5	800	400	1000	500	20D	15D
GJYFJH-4Xn	7.0±0.2	43.5	800	400	1000	500	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

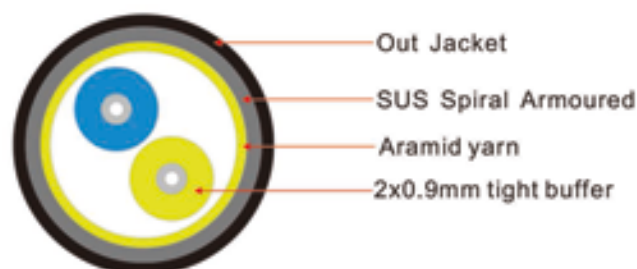
### Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

## GJYWFJH2 Indoor/Outdoor Cable

FTTA

Cable structure:



Description:

GJYWFJH2 Indoor/Outdoor Cable used as the optical transmission medium with 900um subcable, a layer of aramid yarn is placed outside the compact fiber to enhance the element, protected by flexible stainless steel tube, and the cable is completed with outside jacket(PVC,LSZH,TPU, PE or other materials according to customer's requirements ).

Features:

- Good mechanical and temperature characteristics.
- Good lateral compression and flexibility.
- Small diameter, light weight, easy to connect, and support large capacity data transmission.
- Mini armored layer used to decrease the outer diameter and cable weight, also convenient for laying and splice.
- Outer jacket material has the advantages of water proof, flame retardant, environmental protection.

Application:

- Remote base station communication such as RRU or BBU.
- Smart substation and CATV Outdoor application.
- Emergency access to optical fiber communication.
- Used in FTTH, from residence to data center and cabling level and vertical, also used in FTTH cable.

Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJYWFJH2-2Xn	4.8±0.2	28.3	800	400	3000	2000	20D	15D
Storage/Working temperature (°C)			-40~+70					

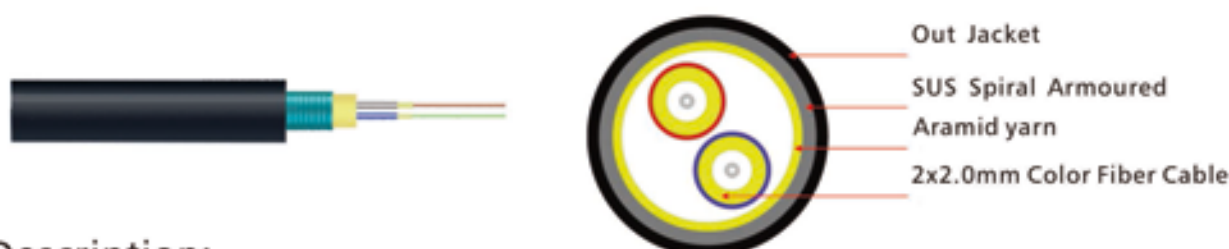
Note: Xn is fiber optic model and D is the diameter of optical cable.

Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJYFJH2 Indoor/Outdoor Cable FTTA

Cable structure:



## Description:

GJYFJH2 Indoor/Outdoor Cable used as the optical transmission medium with 2.0mm subcable, a layer of aramid yarn is placed outside the compact fiber to enhance the element, protected by flexible stainless steel tube, and the cable is completed with outside jacket(PVC,LSZH,TPU, PE or other materials according to customer's requirements ).

## Features:

- Good mechanical and temperature characteristics.
- Good lateral compression and flexibility.
- Small diameter, light weight, easy to connect, and support large capacity data transmission.
- Mini armored layer used to decrease the outer diameter and cable weight, also convenient for laying and splice.
- Outer jacket material has the advantages of water proof, flame retardant, environmental protection.

## Application:

- Remote base station communication such as RRU or BBU.
- Smart substation and CATV Outdoor application.
- Emergency access to optical fiber communication.
- Used in FTTH, from residence to data center and cabling level and vertical, also used in FTTH cable.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJYFJH2-2Xn	7.0±0.2	68.0	1000	600	3000	2000	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJYWFJY5 Indoor/Outdoor Cable

FTTA

## Cable structure:



## Description:

GJYWFJY5 Indoor/Outdoor Cable used as the optical transmission medium with 2.0mm subcable, a layer of aramid yarn is placed outside the compact fiber to enhance the element, protected by Steel corrugation Tape, and the cable is completed with outside jacket( PE or other materials according to customer's requirements ).

## Features:

- Good mechanical and temperature characteristics.
- Good lateral compression and flexibility.
- Small diameter, light weight, easy to connect, and support large capacity data transmission.
- Compact structure, high fiber density, soft and good compressive resistance.
- Outer jacket material has the advantages of water proof, flame retardant, environmental protection.

## Application:

- Remote base station communication such as RRU or BBU.
- Smart substation and CATV Outdoor application.
- Emergency access to optical fiber communication.
- For optical communication equipment room, light distribution frame connection.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength(N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJYWFJY5-2Xn	8.5±0.2	75.0	1000	500	1200	300	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GYFJH53 Indoor/Outdoor Cable

FTTA

Cable structure:



## Description:

GJYFJY5 Indoor/Outdoor Cable used as the optical transmission medium with 900um subcable, a layer of aramid yarn is placed outside the compact fiber to enhance the element, protected by Steel corrugation Tape, and the cable is completed with outside jacket(PE or other materials according to customer's requirements ).

## Features:

- Good mechanical and temperature characteristics.
- Good lateral compression and flexibility.
- Small diameter, light weight, easy to connect, and support large capacity data transmission.
- Compact structure, high fiber density, soft and good compressive resistance.
- Outer jacket material has the advantages of water proof, flame retardant, environmental protection.

## Application:

- Remote base station communication such as RRU or BBU.
- Smart substation and CATV Outdoor application.
- Emergency access to optical fiber communication.
- Used in FTTH, from residence to data center and cabling level and vertical, also used in FTTH cable.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYFJH53-2Xn	8.2±0.2	65.0	800	500	1500	500	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.



# GJXFH Flat Drop Cable

FTTH

Cable structure:



## Description:

FTTH indoor cable has a much greater bandwidth to carry data and less susceptible to interference than common indoor fiber cables. and it's ideal for indoor cabling, end users directly cabling, and access network.

## Features:

- Same function of the common indoor fiber cables.
- Small diameter and light weight, water-resistant, soft and bendable, easy to deploy and maintenance.

## Application:

- Local Area Network (LAN).
- Used end users directly cabling.
- FTTH (fiber to the home) indoor cabling and distribution (video, audio and data signals).

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJXFH-1Xn	(2.0±0.1)+(3.0±0.1)	7.5	200	100	1000	500	20D	15D
GJXFH-2Xn	(2.0±0.1)+(3.0±0.1)	7.5	200	100	1000	500	20D	15D
GJXFH-3Xn	(2.0±0.1)+(3.0±0.1)	7.5	200	100	1000	500	20D	15D
GJXFH-4Xn	(2.0±0.1)+(3.0±0.1)	7.5	200	100	1000	500	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GJYXFCH self-support Flat Drop Cable

**FTTH**

Cable structure:



## Description:

Self-supporting FTTH drop cable is constructed with one or two single-mode fiber (G.657A). The cable is protected by a dielectric strength member, suitable for direct aerial installation into the houses in FTTH projects.

## Features:

- Small diameter and light weight, water-resistant, soft and bendable, easy to deploy and maintenance.
- Meet the requirement of thunder-proof, anti-rodent or waterproof.
- Good to use for fiber to the home last mile solution.

## Application:

- Outdoor aerial application.
- Used in the FTTH projects.
- High speed optical routes in building.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GJYXFH-1Xn	$(2.0 \pm 0.1) * (6.2 \pm 0.3)$	23.6	600	300	2200	1000	20D	15D
GJYXFH-2Xn	$(2.0 \pm 0.1) * (6.2 \pm 0.3)$	23.6	600	300	2200	1000	20D	15D
GJYXFH-3Xn	$(2.0 \pm 0.1) * (6.2 \pm 0.3)$	23.6	600	300	2200	1000	20D	15D
GJYXFH-4Xn	$(2.0 \pm 0.1) * (6.2 \pm 0.3)$	23.6	600	300	2200	1000	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

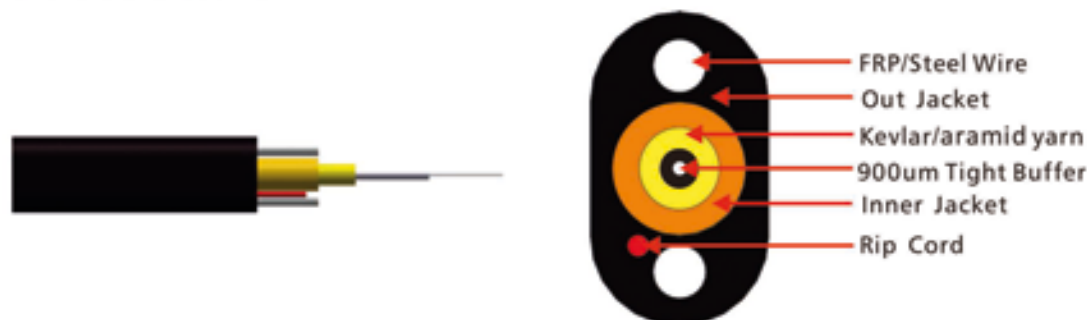
## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# FTTP Tight Buffered Indoor/Outdoor Cable

FTTH

Cable structure:



## Description:

FTTP is the first indoor/outdoor drop cable that is durable enough for outdoor environments and flexible enough for tight bends within residences. The patented design utilizes a fully functional 2.9 mm OFNR rated tight buffer cable as the core of a GR-20 OSP rated FTTP small flat cable.

## Features:

- Excellent crush resistance.
- Tight Buffered cable can be placed in a riser environment.
- Eliminates splice at premises wall.
- Small diameter and light weight, water-resistant
- Aerial, direct bury or conduit, all dielectric.

## Application:

- Drop cables for aerial, direct bury or conduit installations .
- Fiber to the premise for single family residences.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
FTTP-1Xn	$(4.0 \pm 0.2) + (7.0 \pm 0.3)$	44.0	1350	400	2200	1000	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GYTC8H Round Self-Support Cable

FTTH

Cable structure:



## Description:

GYTC8H Round Self-Support Cable use 900um flame-retardant tight buffer fiber as optical communication medium. The tight buffer fiber wrapped with a layer of yarn as strength member units, Then the wire rope is integrated into an 8 - shaped LSZH sheath cable.

## Features:

- High strength Kevlar yarn member.
- Excellent temperature performanc.
- Suitable for installation, operation, and convenient for maintenance.

## Application:

- Outdoor aerial application.
- Used in the FTTH projects.
- High speed optical routes in building.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYTC8H-1Xn	$(3.5 \pm 0.1) * (6.5 \pm 0.3)$	40.5	1200	600	1000	300	20D	15D
GYTC8H-2Xn	$(5.0 \pm 0.1) * (8.0 \pm 0.3)$	42.0	1200	600	1000	300	20D	15D
GYTC8H-3Xn	$(5.0 \pm 0.1) * (8.0 \pm 0.3)$	43.5	1200	600	1000	300	20D	15D
GYTC8H-4Xn	$(5.0 \pm 0.1) * (8.0 \pm 0.3)$	45.0	1200	600	1000	300	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★. Standard wooden drum with protection.
- ★. Standard reel length: 2/3 km/reel, other length is also available.

# GYXTW Outdoor Cable

Outdoor

Cable structure:



## Description:

GYXTW is an outdoor use optical fiber cable suitable for duct and aerial applications. We supply GYXTW from 2 fiber cores to 24 fiber cores. Both single mode type and multi mode types are available.

## Features:

- Good tensile strength and crush.
- Resistance performance.
- Good moisture-resistance, water blocking, and flexibility.
- Double wire as strength member provides excellent strain performance.

## Application:

- Access network.
- Bureaus network.
- Aerial and duct application.
- Metropolitan network.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYXTW-2~24Xn	8.0±0.2	110.0	1500	600	3000	1000	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GYDXTW Outdoor Cable

Outdoor

Cable structure:



## Description:

GYDXTW is an Aerial or Duct use fiber optic cable. We supply GYDXTW cable from 2 cores to 144 cores with both single mode and multi mode types.

## Features:

- Low dispersion and attenuation.
- Small cable diameter, Light cable weight.
- Easily to lay, Large fiber count.
- Ribbon connection.
- Excellent mechanical and environmental properties.
- Moisture resistance and crush resistance.

## Application:

- Access network.
- Aerial and duct application.
- Long-distance communication.

## Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYDXTW-12~48Xn	11.8±0.5	164.0	2000	600	1000	300	20D	15D
GYDXTW-60~72Xn	13.0±0.5	181.0	2000	600	1000	300	20D	15D
GYDXTW-74~96Xn	13.5±0.5	194.0	2000	600	1000	300	20D	15D
GYDXTW-98~120Xn	14.5±0.5	212.0	2000	600	1000	300	20D	15D
GYDXTW-122~144Xn	15.0±0.5	228.0	2000	600	1000	300	20D	15D
Storage/Working temperature (°C)					-40~+70			

Note: Xn is fiber optic model and D is the diameter of optical cable.

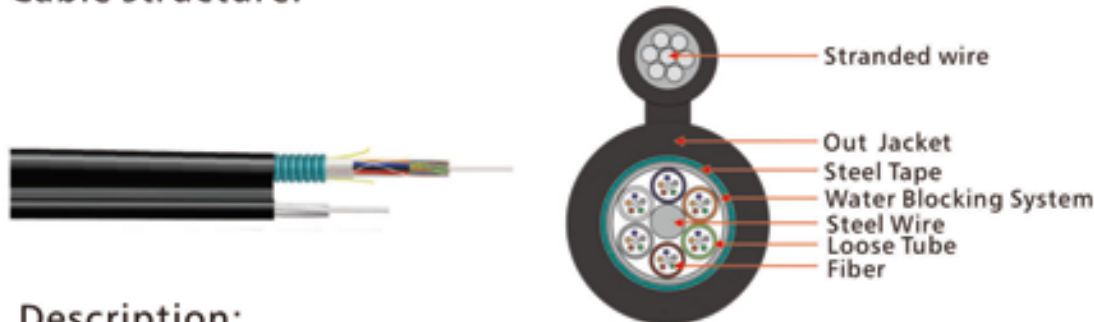
## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GYTC8S Outdoor Cable

Outdoor

Cable structure:



## Description:

GYTC8S is a typical outdoor use fiber optic cable for aerial applications. GYTC8S is also called the figure 8 cable because of its structure looks like the figure 8. We supply single mode and multi mode GYTC8S fiber cables from 2-fiber type to 144-fiber type.

## Features:

- Used for long-haul communication.
- Steel-wire strength member ensures tensile strength.
- Water blocking system to improve the water proof ability.
- Corrugated steel tape and the PE outer sheath ensure crush resistance.

## Application:

- Aerial application, Used for LAN communication.
- CATV & Computer networks system.
- Junction communication systems.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYTC8S-12~60Xn	(11.0±0.1)*(20.8±0.5)	212.0	4950	2500	2000	1000	20D	15D
GYTC8S-62~72Xn	(11.0±0.1)*(20.8±0.5)	248.0	4950	2500	2000	1000	20D	15D
GYTC8S-74~96Xn	(11.0±0.1)*(20.8±0.5)	285.0	4950	2500	2000	1000	20D	15D
GYTC8S-98~120Xn	(11.0±0.1)*(20.8±0.5)	332.0	4950	2500	2000	1000	20D	15D
GYTC8S-122~144Xn	(11.0±0.1)*(20.8±0.5)	397.0	4950	2500	2000	1000	20D	15D
Storage/Working temperature (°C)					-40~+70			

Note: Xn is fiber optic model and D is the diameter of optical cable.

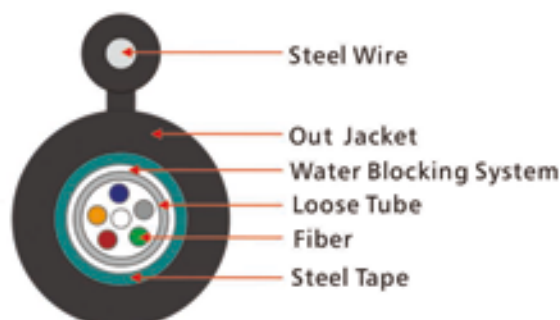
## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

## GYXTC8S Outdoor Cable

Outdoor

Cable structure:



### Description:

GYXTC8S fiber optic cable is a figure 8 structure cable suitable for installation in aerial environment for long haul communications. This optical cable is 2cores to 24 cores types available.

### Features:

- Convenient installation.
- Excellent strain performance.
- High strength loose tube that is hydrolysis resistant.
- Medium Density Polyethylene Jacket, low friction installation.

### Application:

- Aerial application.
- Subscriber network systems.
- Junction communication systems.
- CATV & Computer networks system.

### Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength(N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYXTC8S-2~24Xn	$(7.0 \pm 0.2) * (13.5 \pm 0.3)$	270.0	4800	2500	1000	300	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

### Packing and Reel Length

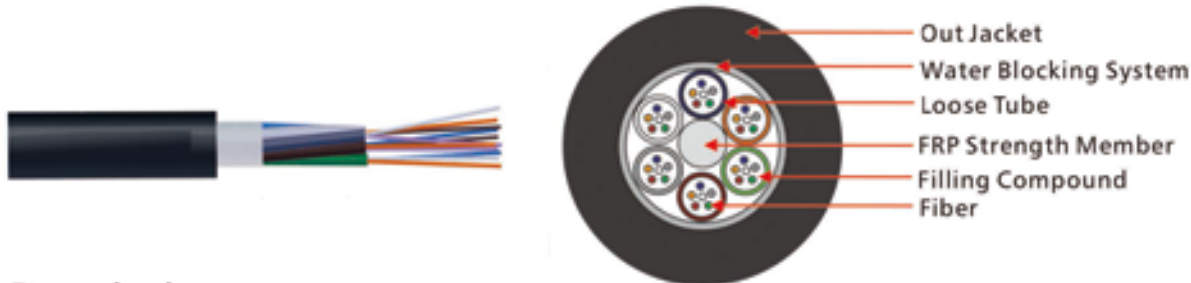
- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.



# GYFTY Outdoor Cable

Outdoor

Cable structure:



## Description:

GYFTY fiber optic cable is a non-metallic cable used for power transmission system, excessive thunder areas and high electromagnetic interface. Its mainly application is for aerial or duct use. We supply both single mode GYFTY cable and multi mode GYFTY cables.

## Features:

- FRP ensuring resistance to electromagnetic interference.
- Water blocking system ensures reliable waterproof performance.
- Non-metal central strength has an excellent anti-electromagnetic ability.

## Application:

- Aerial and duct application.
- Access network and local network in high electromagnetic interfering and frequently lighting areas.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYFTY-12~48Xn	8.4±0.2	88.0	1500	600	1000	300	20D	15D
GYFTY-60~72Xn	10.5±0.5	102.0	1500	600	1000	300	20D	15D
GYFTY-74~96Xn	12.0±0.5	130.0	1500	600	1000	300	20D	15D
GYFTY-98~120Xn	13.5±0.5	156.0	1500	600	1000	300	20D	15D
GYFTY-122~144Xn	15.0±0.5	180.0	1500	600	1000	300	20D	15D
Storage/Working temperature (°C)					-40~+70			

Note: Xn is fiber optic model and D is the diameter of optical cable.

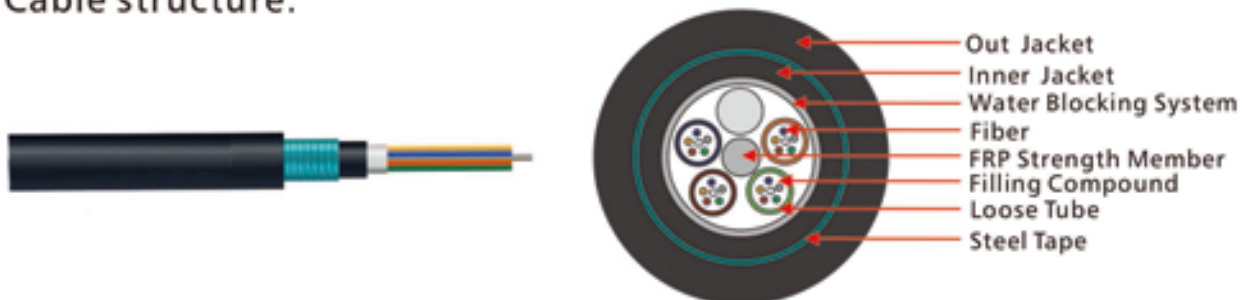
## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GYFTY53 Outdoor Cable

Outdoor

Cable structure:



## Description:

GYFTY53 fiber optic cable is Stranded Loose Tube Non-metallic Strength Member Water-blocking Armored Cable designed for direct-buried installation, can be buried directly into the ground in a trench or using a vibratory plow, suitable for frequent lightning area and anti electric field.

## Features:

- Double sheath.
- Good moisture-resistance.
- Good ultra violet radiation resistant property.
- Steel Wire strength, filler protect tube fiber, steel tape armor.

## Application:

- Adopted to outdoor distribution.
- Suitable for aerial, pipeling laying method.
- Long distance and local area network communication.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYFTY53-12~48Xn	12.0±0.3	131.0	3000	1000	1000	300	20D	15D
GYFTY53-60~72Xn	13.0±0.3	171.0	3000	1000	1000	300	20D	15D
GYFTY53-74~96Xn	14.0±0.3	205.0	3000	1000	1000	300	20D	15D
GYFTY53-98~120Xn	16.0±0.3	245.0	3000	1000	1000	300	20D	15D
GYFTY53-122~144Xn	18.5±0.3	335.0	3000	1000	1000	300	20D	15D
Storage/Working temperature (°C)					-40~+70			

Note: Xn is fiber optic model and D is the diameter of optical cable.

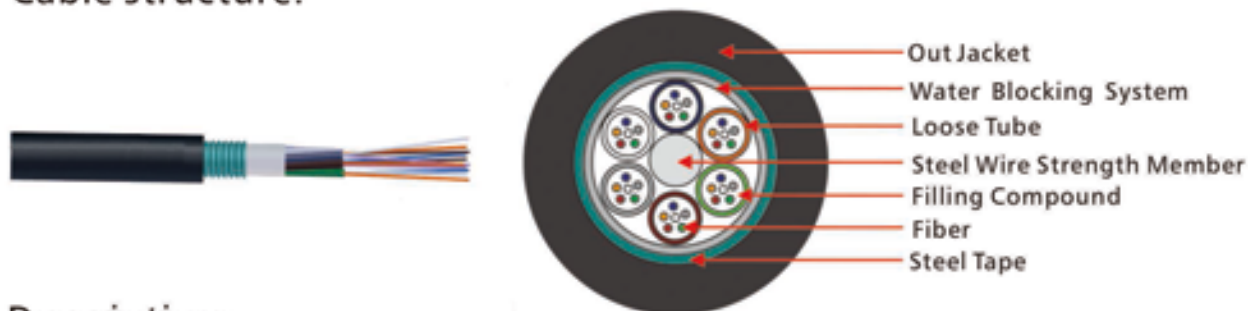
## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

## GYTS Outdoor Cable

Outdoor

Cable structure:



### Description:

GYTS is the outdoor fiber optic cable type used for duct and aerial applications. The loose tube stranding technology make the fibers have good secondary excess length.

### Features:

- Up to 144 fiber cores.
- The loose tube stranding technology make the fibers have good secondary excess length.
- Metal strength member provides excellent strain performance..
- Corrugated steel tape armored and PE outer sheath providing property crush resistance and gun shot resistance features.
- The fibers free movement in the tube, which keeps the fiber stress-free while the cable is subjected to longitudinal stress.

### Application:

- Stallation in aerial or duct environment for long haul communication.
- LAN, especially suitable for the situation of high requirements to lateral pressure resistance.

### Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYTS-2~60Xn	10.5±0.5	88.0	1500	600	1000	300	20D	15D
GYTS-62~72Xn	11.5±0.5	102.0	1500	600	1000	300	20D	15D
GYTS-74~96Xn	13.0±0.5	130.0	1500	600	1000	300	20D	15D
GYTS-98~144Xn	15.8±0.5	156.0	1500	600	1000	300	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

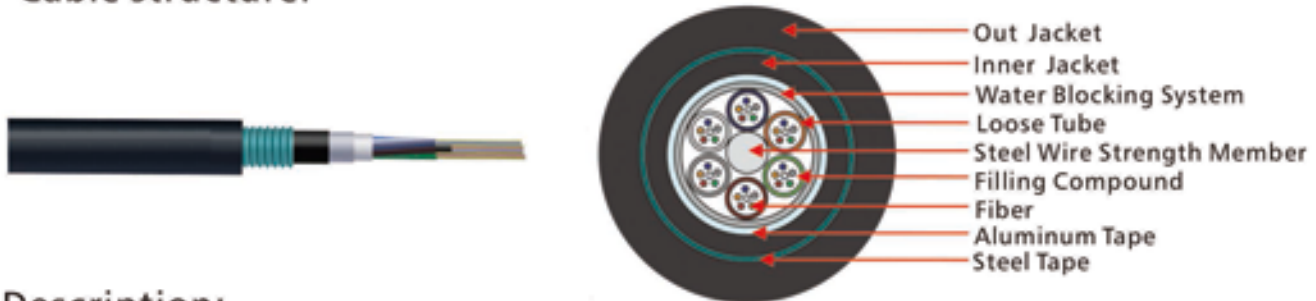
### Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GYTA53 Outdoor Cable

Outdoor

Cable structure:



## Description:

GYTA53 Outdoor Cable used for Double-jacket structure provide the cable nice properties of moisture resistance and crush resistance. Double armored structure provide cable good property of rodent-resistance. It can be used for duct and direct buried application, suitable for harsh environments.

## Features:

- Metal strength member provides excellent strain performance.
- Double-jacket structure ensures moisture resistance and crush resistance.
- Good ultra violet radiation resistant property.

## Application:

- Suitable for aerial , pipeline laying method.
- Long distance and local area network comm.
- Adopted to outdoor distribution specially used where good mechanical performance and rodent resistance are expected.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYTA53-12~48Xn	14.5±0.5	228. 0	3000	1000	3000	1000	20D	15D
GYTA53-60~72Xn	16.0±0.5	263. 0	3000	1000	3000	1000	20D	15D
GYTA53-74~96Xn	17.5±0.5	305. 0	3000	1000	3000	1000	20D	15D
GYTA53-98~120Xn	20.5±0.5	376. 0	3000	1000	3000	1000	20D	15D
GYTA53-122~144Xn	22.0±0.3	423. 0	3000	1000	3000	1000	20D	15D
Storage/Working temperature (°C)					-40~+70			

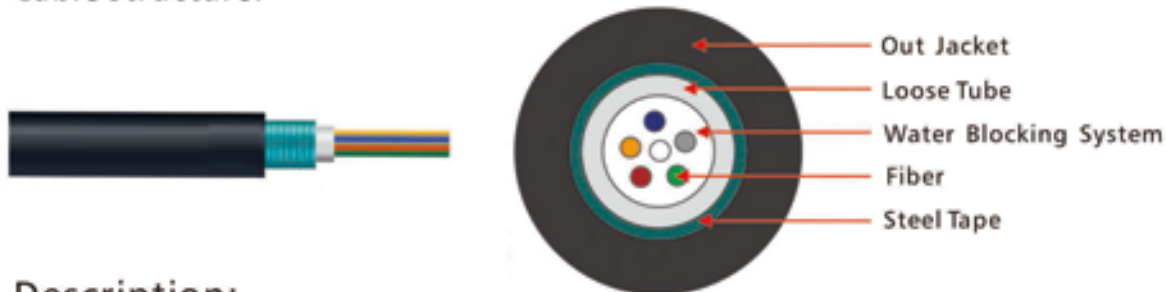
Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# GYXTS Outdoor Cable Outdoor

Cable structure:



## Description:

GYXTS cable structure is to insert a single or multimode fiber loose tube, made of high modulus plastic it external wire winding layers of double-sided plastic corrugated steel belt longitudinal packaging, as well as the extrusion of PE fiber optic cable outer sheath formation.

## Features:

- Stainless steel or galvanized steel self-supporting.
- Small cable diameter, light cable weight, easily to install.
- Excellent mechanical and environmental performance.
- Proper design, precise control for fiber excess length render the cable excellent mechanical and environmental characteristics.

## Application:

- Adopted to Outdoor distribution.
- Suitable for aerial duct and buried method.
- Long distance and local area network communication.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYXTS-2~12Xn	7.0±0.2	60.0	1000	200	1000	200	20D	15D
Storage/Working temperature(°C)			-40~+70					

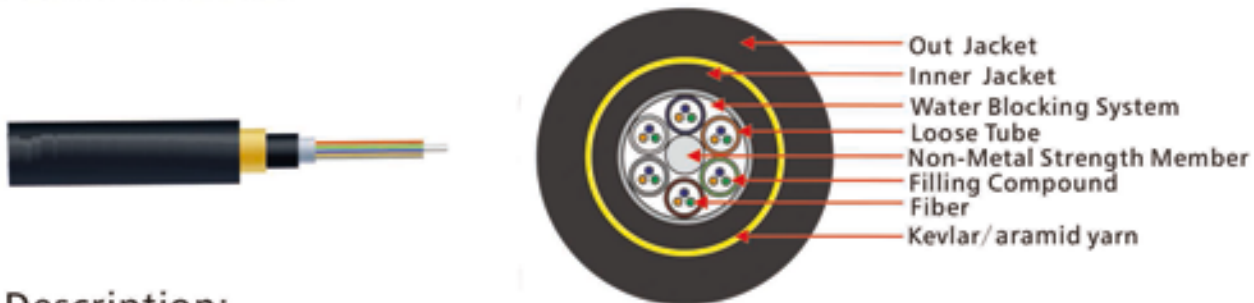
Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.

# ADSS Outdoor Cable Outdoor

Cable structure:



## Description:

ADSS Outdoor Cable are positioned into a loose tube made of high modulus plastics. Filled with a water-blocking filling compound, the tube is stranded around FRP as a non-metallic central strength member into compact and circular cable core. ADSS cables are ideal for outside plant aerial applications, the lightweight cable and all-dielectric construction allow cost-effective and safe installation in high voltage overhead power lines.

## Features:

- PE or AT sheath ensures safety of cable in high voltage environment.
- All-dielectric structure and light weight provide easy installation and good electromagnetic resistance.
- Reliable performance of moistureproof and waterproof.

## Application:

- Railways, power and telecommunication pole routes.
- Suitable for installation on poles and on the power distribution network.
- Aerial self-supporting applications at short, medium and long span distances.
- Ideal for transmission lines with high electrical field strength.
- Can be used in areas suffered from frequent lightningIdeal for transmission lines with high electrical field strength.

## Technical parameters

Cable type	OD(mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
ADSS-2~48Xn	12.0±0.5	140.0	3600	1200	1000	500	20D	15D
ADSS-96Xn	14.0±0.5	165.0	3600	1200	1000	500	20D	15D
ADSS-144Xn	16.0±0.5	205.0	3600	1200	1000	500	20D	15D
Storage/Working temperature (°C)			-40~+70					

Note: Xn is fiber optic model and D is the diameter of optical cable.

## Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel,other length is also available.