



濮阳豫锐通通信技术有限公司

Puyang YRT Communication Technology Co., Ltd.

地址：河南省濮阳市卫都路与新东路华龙科技创业园

Add: Hualong Science And Technology Park, Northwest Intersection Of
Weidu Road And Xindong Road, Puyang, Henan, China(Mainland)
Marketing Office: Room 1309, World Center, Gaoxin Avenue, Wuhan City, China.

TEL: 027-65523878 (wuhan)

International Sales Directline: +86-15099905597

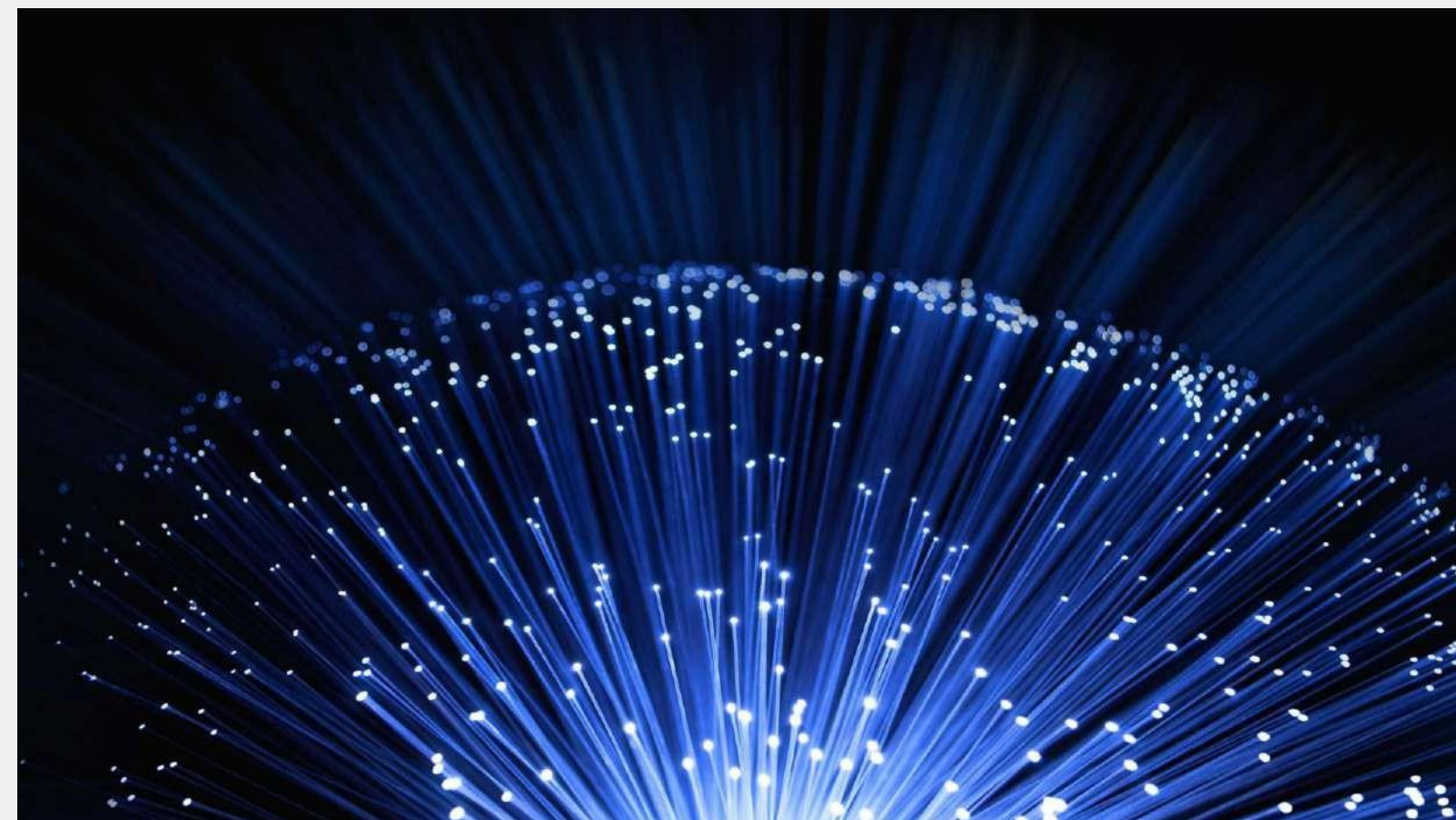
Whatsapp: 8615099905597

TEL: +86-0371-86553738

FAX: +86-0371-86553738

Email: yrtfiber@yrtfiber.com

Web: www.fiber8.com



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公司简介 Company Introduction

Puyang YRT Communication Tech Co., Ltd was founded in 2015, and located in Puyang city, Henan province, China. As a professional manufacturer of fiber optical communication systems, YRT is committed to the research, design and quality control during the production, the mainly products include Indoor FTTH fiber optic cable, patch cord, Outdoor armored fiber optic cable, and passive component (fiber optical branching device, fiber optical transfer box, fiber optical splice closure and distribution box).

Our products sell all over the domestic market, as well as export to Southeast Asia, Middle east , Europe, South America and other market. CE and ISO certification have been approved.

Welcome to visit, guidance and business cooperation.

豫锐通通信 YRT Communication



锐意进取、通达全球

Material Type Used for Indoor Fiber Cable

- Z-LSZH
- V-PVC
- H-Hytrel1/X-Hytrel2
- N-Nylon
- F-PVDF

Cable Purpose

- GY-Optical fibre cables for outdoor application
- GJ-Optical fibre cables for indoor application
- GJP-Optical fibre cables for indoor application
- GJB-Optical fibre cables for indoor application

Strengthen Member

- 无-Without any code: Metallic strength member
- F-Non-metallic strength member

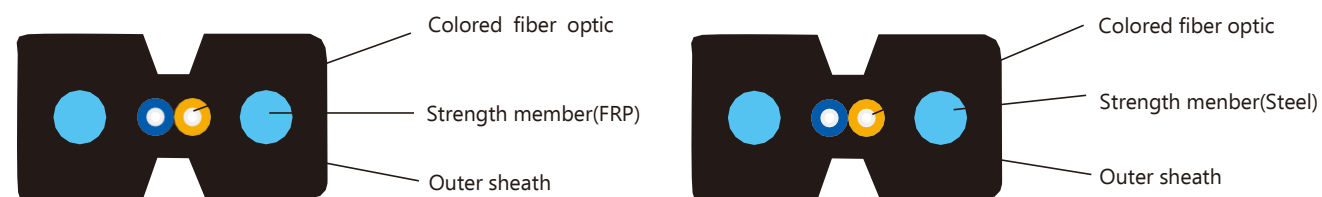
Cable Core Structure Code

- 无-Without any code Stranded structure
- G-Slotted Core structure
- X-Central loose tube structure

Cross Section Shape

- 无-Without any code: Circular shape cable
- 8-Figure 8 cable
- B-Flat shape cable
- E-Elliptical shape cable

Bow-type fiber cable(GJXH/GJXFH)



Application

- Access Network
- Fiber To The Home

Feature

- Good mechanical and environmental performance;
- Good fire retardant property;
- HSZH outer sheath environmental friendly;
- Low bend sensitivity fiber provide high Bandwidth and excellent communication transmission.

Specification

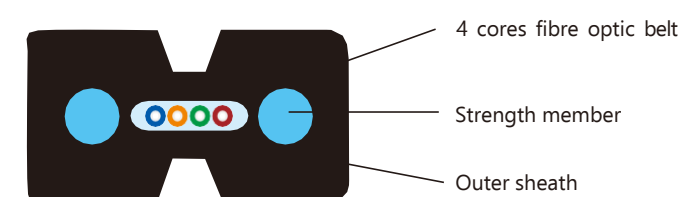
Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
1~2	3.0x2.0	9.0	40/100	80/200	500/1000	1000/2200	60	30	-20~+60

Note: 1. The cable core use the colored coating fiber of 250um;
2. The tensile and crush of the cabel are accordance with the value in the table when the strength member of FRP and Steel are used;
3. The minimum bend radius(static) is 15mm when G657 fiber is used;

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Delivery Length: 1km or 2km, or as required.

Bow-type Fiber Ribbon drop cable (GJXFDH)



Application

- Access Network
- Fiber To The Home(FTTH)

Feature

- Simple structure, lighter and excellent practicability;
- Low smoke zero halogen sheath environment friendly material;
- Unique goug design, strip and splic easily,simplify installation and maintenance;
- Two parallel strength members ensure good performance of crush and tensile strength;
- Special low sensitivity of bending fiber provides higher bandwidth and realizes the integration of Internet work, CATV network and telephone network.

Specification

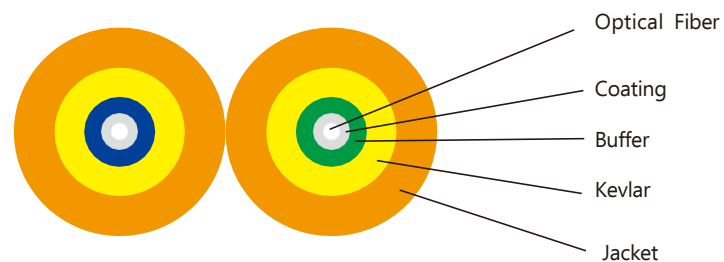
Fiber count	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (N)
			Long term	Short term	Long term	Short term	Dynamic	Static	
4	4.0x2.0	12	40/100	80/200	500/1000	1000/2200	60	30	-20~+60

Note: 1.The cable core use the colored coating fiber of 250um;
2.The tensile and crush of the cabel are accordance with the value in the table when the strength member of FRP and Steel are used;
3.The minimum bend radius(static) is 15mm when G657 fiber is used;

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Delivery Length: 1km or 2km, or as required.

Duplex fiber cable (GJFJV)



Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames, and optical apparatus connectors;
- Used in indoor cabling.

Feature

- Excellent stripping quality;
- Two subcable flam-retardant jacket;
- Flame retardant characteristics meets the requirements of relevent standards;
- Easy to splice, good capacity of data transmission;
- Single mode and Multimodel fiber for options.

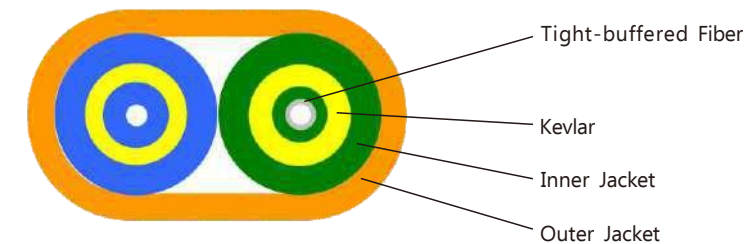
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
2	1.6×3.3	4.4	60	120	200	1000	50	30	-20~+60
2	1.8×3.7	6.0	60	120	200	1000	50	30	
2	2.0×4.1	7.2	90	150	200	1000	50	30	
2	2.4×4.9	10.0	90	150	200	1000	50	30	
2	2.8×5.9	13.0	160	300	200	1000	60	30	
2	3.0×6.1	14.8	160	300	200	1000	60	30	
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.The minimum bend radius (static) is 15mm when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

Duplex flat cable (GJFJBV)



Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames, and optical apparatus connectors;
- Used in indoor cabling.

Feature

- Excellent stripping quality;
- Single mode and Multimodel fiber for options;
- Flame retardant characteristics meets the requirements of relevent standards;
- Easy to splice, good capacity of data transmission;
- Different types to meet various requirement.

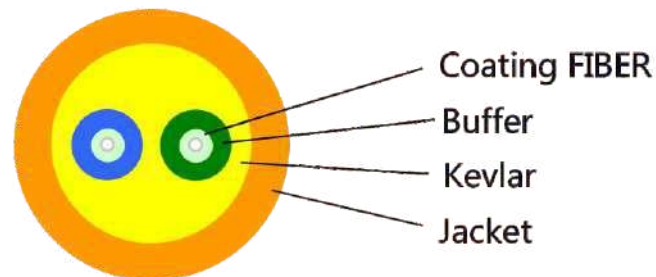
Specification

Fiber core	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
2	2.8×4.8	13.1	100	200	300	1000	60	30	-20~+60
2	3.0×5.0	14.8	100	200	300	1000	60	30	
2	4.0×7.0	25.6	160	300	300	1000	80	40	
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.The minimum bend radius (static) is 15mm when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

Duplex round cable type A (GJFJZY)



Application

- Used in indoor cabling;
- Used in optical connections in optical communication equipment rooms and optical distribution frames, and optical apparatus connectors;
- Used in optical connections in optical apparatus and equipments;
- Used as patch cords and pigtails.

Feature

- Excellent stripping quality;
- Single mode and Multimodel fiber for options;
- Flame retardant characteristics meets the requirements of relevent standards;
- Easy to splice, good capacity of data transmission;
- Different types to meet various requirement.

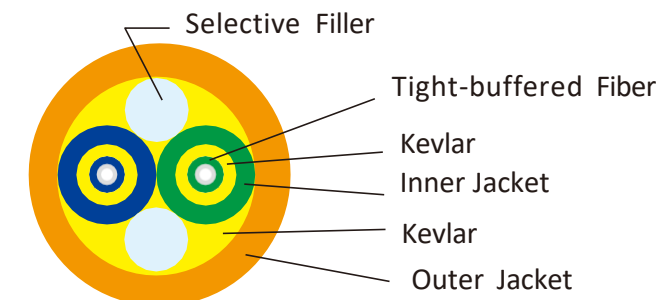
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
2	3.2	8.5	80	150	200	1000	20D	10D	-20~+60
2	3.8	11.5	100	200	200	1000			
2	4.5	15.2	150	300	200	1000			
2	5.0	17.5	200	400	200	1000			
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.D is outer diameter of the round cable; 3.The minimum bend radius (static) is 5D when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable, or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Color of buffer: Blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, turquoise, etc;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

Duplex round cable type B (GJFJZY)



Application

- Used in indoor cabling;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used in optical connections in optical apparatus and equipments;
- Used as patch cords and pigtails.

Feature

- Excellent stripping quality;
- Single mode and Multimodel fiber for options;
- Flame retardant characteristics meets the requirements of relevent standards;
- Easy to splice, good capacity of data transmission;
- Different types to meet various requirement.

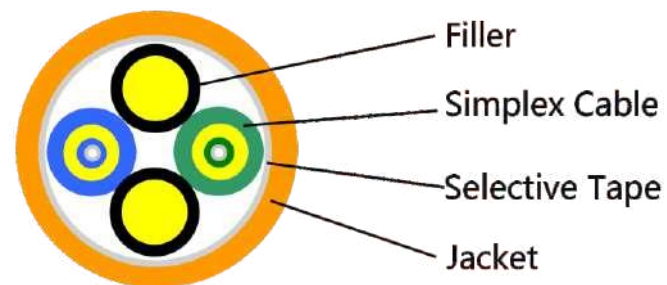
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
2	6.0	33.5	200	400	300	1000	20D	10D	-20~+60
2	8.0	52.0	250	500	300	1000			
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.D is outer diameter of the round cable; 3.The minimum bend radius (static) is 5D when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable, or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Color of jacket: Blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, turquoise, etc;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

Duplex round cable type C (GJFJZY)



Application

- Used in indoor cabling, especially in poor laying conditions;
- Used in optical connections in optical communication equipment rooms and optical distribution frames
- Used as patch cords and pigtails.

Feature

- Excellent stripping quality;
- Single mode and Multimode fiber for options;
- Flame retardant characteristics meets the requirements of relevant standards;
- Easy to splice, good capacity of data transmission;
- Different types to meet various requirements.

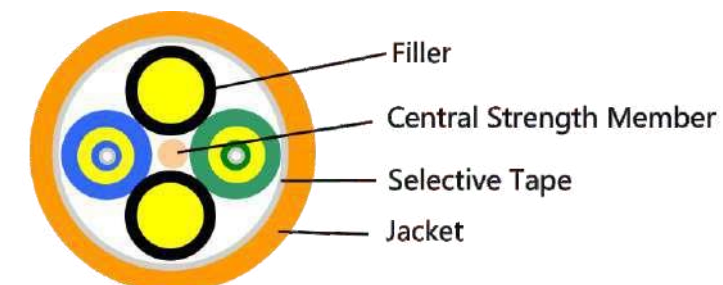
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
2	7.0(without tape)	37.2	150	300	300	1000	20D	10D	-20~+60
2	9.5(without tape)	61.4	250	500	300	1000			
2	7.5 (with tape)	38.3	150	300	300	1000			
2	10.0(with tape)	63.8	250	500	300	1000			
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.D is outer diameter of the round cable; 3.The minimum bend radius (static) is 5D when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Color of buffer: Blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, turquoise, etc;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

Duplex round cable Type D (GJFJZY)



Application

- Used in indoor cabling, especially in poor laying conditions;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used as patch cords and pigtails.

Feature

- Excellent stripping quality;
- Good temperature stability;
- Flame retardant characteristics meets the requirements of relevant standards;
- Easy to splice, good capacity of data transmission;
- Different types to meet various requirements.

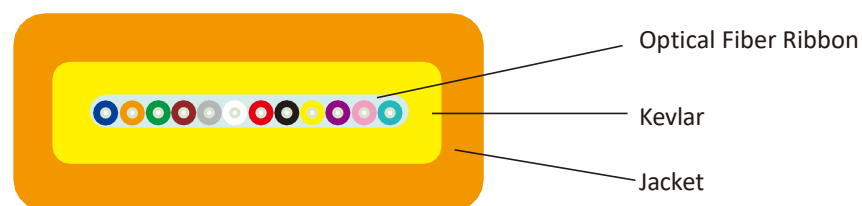
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
2	7.5	39.9	200	400	300	1000	20D	10D	-20~+60
2	10.0	66.3	300	600	300	1000			
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.D is outer diameter of the round cable; 3.The minimum bend radius (static) is 5D when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

Flat fiber ribbon cable (GJDFBV)



Application

- Applied in indoor cabling, especially used in good laying conditions;
- Applied in optical connections in optical communication equipment rooms and optical distribution frames, optical apparatus and equipments;
- Applied in pigtails and patch cords;
- Applied for access building cable.

Feature

- Good mechanical and environmental characteristics;
- Excellent stripping quality;
- Fiber ribbon, aramid yarn, flame- retardant jacket;
- Easy to splice, good capacity of data transmission , suitable for single mode fiber;
- Different types to meet various requirement.

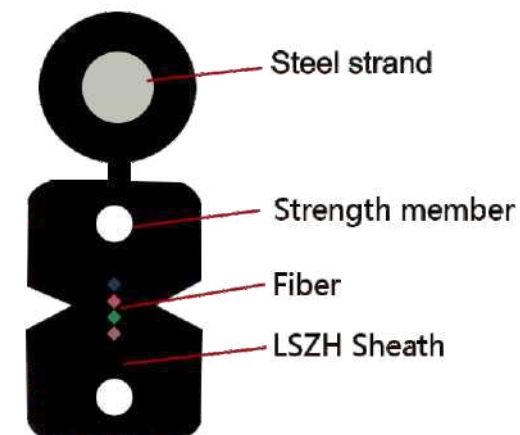
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
2	2.5×3.5	7.3	80	200	200	500	50	30	-20~+60
4	2.5×3.5	7.4	80	200	200	500			
6	2.5×4.0	8.2	80	200	200	500			
8	2.5×4.5	9.3	80	200	200	500			
12	2.5×5.0	10.0	80	200	200	500			
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.The cable dimension in the table, which are according to single ribbon, are subject to change with the ribbon count; 3.The minimum bend radius (static) is 15mm when G657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Fiber Count: The fiber count is usually 2, 4 ,6, 8 or 12 , or other specified fiber count by clients ;
- Jacket Material: Environmental flame retardant (PVC), environmental low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO), or other material as required;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards.

Self-supporting Bow-type Ribbon fiber cable (GJYXDCH)



Application

- Access network, Fiber To The Home (FTTH).

Feature

- Simple structure, lighter and excellent practicability;
- Low smoke zero halogen sheath environment friendly material;
- Unique goug design, strip and splic easily,simplify installation and maintenance;
- Two parallel strength members ensure good performance of crush and tensile strength;
- Special low sensitivity of bending fiber provides higher bandwidth and realizes the integration of Internet work CATV network and telephone network;
- Single steel wire as the additional strength member ensures good performance of tensile strength.

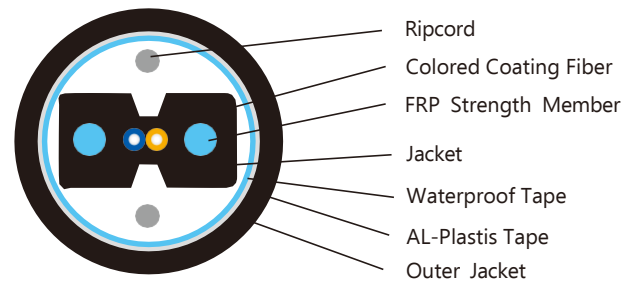
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
4	6.2x2.0	25	300	600	1000	2200	60	30	-20~+60
Note: 1.The cable core use the colored coating fiber of 250μm; 2.H is height of the flat cable; 3.The minimum bend radius (static) is 5H when G657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material: of buffer: Flame-retardant polyvinyl chloride (PVC), low smoke zero halogen flame retardant polyolefin (LSZH), Hytrel, Nylon(Nylon12), or other material;
- Color of buffer: Blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, turquoise, etc;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

FTTH Duct cable (GJYXFHA)



Application

- Access network, the connection between outdoor and indoor.

Feature

- Additional Aluminum plastic tape and waterproof tape ensure good performance of tensile strength ;
- Two parallel strength members ensure good performance of crush and tensile strength;
- Special low sensitivity of bending fiber provides higher bandwidth and realizes the integration of Internet work, CATV network and telephone network.

Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
1~2	6.8	47	100	200	500	1000	20D	10D	-20~+60
Note: 1.D is outer diameter of the round cable; 2.The minimum bend radius (static) is 5D when G657 fiber is used.									

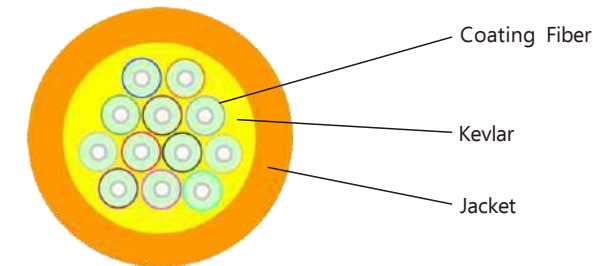
OEM Order is accepted

- Fiber Type: G652, G655 single-mode fiber, A1a or A1b multi-mode cable, or other types of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC), low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO), environmental polyethylene (PE) or other material;
- Delivery Length: 1km or 2km, or as required.

Description

- FTTH Duct cable consists of colored coating fiber, KFPR strength member , Aluminum plastic tape, waterproof tape and outer jacket;
- Optical communication unit is colored coating fibers.

Micro distribution fiber cable (GJFV)



Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames and optical apparatus connectors;
- Used in indoor cabling.

Feature

- Excellent stripping quality;
- High integrated coating bare fiber design;
- Flame retardant characteristics meets the requirements of relevant standards;
- Small diameter and bending radius, which can be installed freely in narrow room;
- Outer jacket material: LSZH, TPU, PVC.

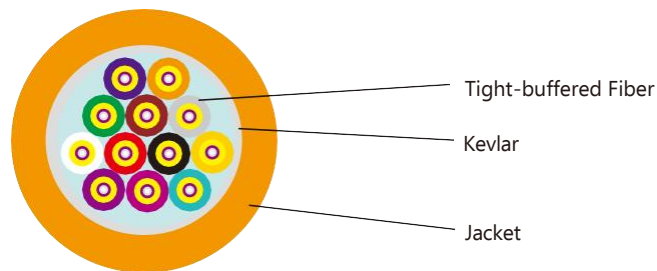
Specification

Fiber core	Dimension (mm)		Weight (kg/km)		Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
	250μm	450μm	250μm	450μm	Long term	Short term	Long term	Short term	Dynamic	Static	
1	2.0	2.0	3.5	3.6	40	80	100	500	50	30	-20~+60
2	2.0	2.0	3.7	3.8	40	80	100	500	50	30	
4	2.0	2.4	3.9	5.2	40	80	100	500	50	30	
6	2.4	3.5	5.2	10.2	60	100	100	500	50	30	
8	2.8	4.0	7.4	12.4	60	100	100	500	50	30	
12	3.0	4.5	8.2	14.4	60	100	100	500	50	30	
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.The cable core use the coating fiber of 250μm or 450μm.											

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Delivery Length: 1km or 2km, or as required.

Multi cord distribution fiber cable (GJPFJV)



Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames, and optical apparatus connectors;
- Used in indoor cabling.

Feature

- Excellent stripping quality;
- High integrated coating bare fiber design;
- Flame retardant characteristics meets the requirements of relevant standards;
- Small diameter and bending radius, which can be installed freely in narrow space;
- Outer jacket material: LSZH, TPU, etc.

Specification

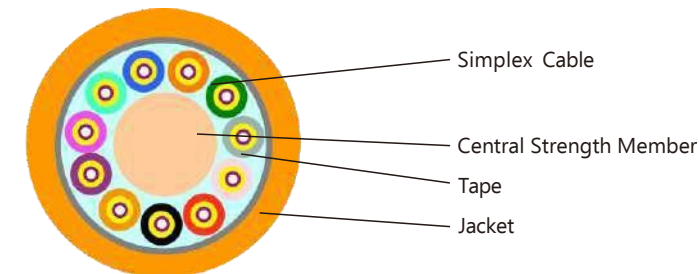
Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
4	5 . 0	19.0	130	440	200	1000	20D	10D	-20~+60
6	5 . 2	23.0	130	440	200	1000			
8	5 . 5	26.0	130	440	200	1000			
12	6 . 5	36.5	200	660	200	1000			
16	7 . 5	44.5	200	660	200	1000			
24	8 . 2	54.5	200	660	200	1000			
36	9 . 0	72.0	200	660	200	1000			
48	10.5	90.0	200	660	200	1000			

Note: 1.The cable dimension and weight are in accordance with tight-buffered fiber with 0.9mm outer diameter;
2.D is outer diameter of the round cable;
3.The minimum bend radius (static) is 5D when G.657 fiber is used.

OEM Order is accepted

- Fiber Type: G652、G655 or G657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinyl chloride (PVC), environmental low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO), environmental thermoplastic polyurethane (TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color.

Multi fiber Break-Out cable-I (GJBFJV)



Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames and optical apparatus connectors;
- Used in indoor cabling.

Feature

- Excellent stripping quality;
- High integrated coating bare fiber design;
- Flame retardant characteristics meets the requirements of relevant standards;
- Small diameter and bending radius, which can be installed freely in narrow room;
- Outer jacket material: LSZH, TPU, PVC.

Specification

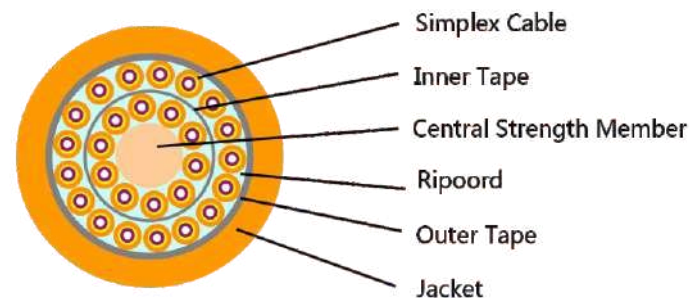
Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
4	7 . 5	45	200	400	300	1000	20D	10D	-20~+60
6	8 . 5	60	250	600	300	1000			
8	10.0	91	300	800	300	1000			
12	12.5	145	400	1000	300	1000			

Note: 1.The cable dimension and weight are in accordance with tight-buffered fiber with 0.9mm outer diameter
2.D is outer diameter of the round cable;
3.The minimum bend radius (static) is 5D when G.657 fiber is used.

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Delivery Length: 1km or 2km, or as required.

Multi fiber Break-Out cable-II (GJBFJV)



Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames, and optical apparatus connectors;
- Used in indoor cabling.

Feature

- Excellent stripping quality;
- High integrated coating bare fiber design;
- Flame retardant characteristics meets the requirements of relevant standards;
- Small diameter and bending radius, which can be installed freely in narrow room;
- Outer jacket material: LSZH, PVC.

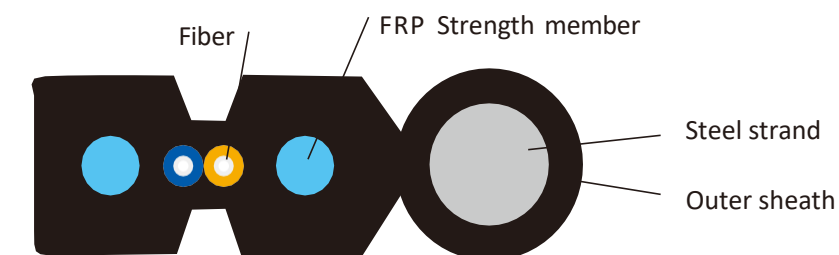
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
16	12.0	120	500	1500	300	1000	20D	10D	-20~+60
24	15.0	178	800	2200	300	1000			
36	17.5	200	1000	3000	300	1000			
48	20.0	247	1500	4000	300	1000			
Note: 1.The cable dimension and weight are subject to the simplex cable of 2.0mm outer diameter; 2.D is outer diameter of the round cable; 3.The minimum bend radius (static) is 5D when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type: G652, G655 or G657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC), low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO), environmental thermoplastic polyurethane (TPU) or other material;
- Delivery Length: 1km or 2km, or as required.

Self-supporting Bow-type cable (GJYXFCH)



Application

- Access network, Fiber To The Home (FTTH).

Feature

- Simple structure, lighter and excellent practicability;
- Low smoke zero halogen sheath environment friendly material;
- Unique goug design, strip and splic easily,simplify installation and maintenance;
- Two parallel strength members ensure good performance of crush and tensile strength;
- Special low sensitivity of bending fiber provides higher bandwidth and realizes the integration of Internet work, CATV network and telephone network;
- Single steel wire as the additional strength member ensures good performance of tensile strength.

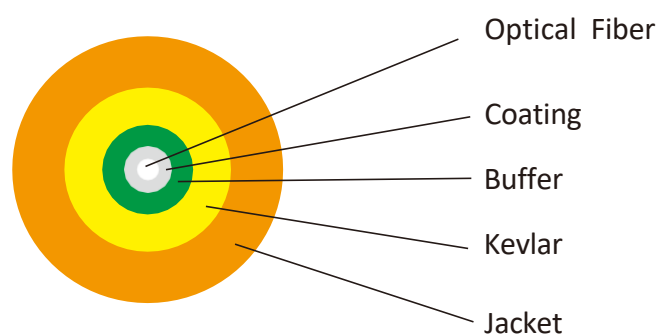
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
1~2	5.2×2.0	18	300	600	1000	2200	60	30	-20~+60
Note: 1.The cable dimension and weight are in accordance with tight-buffered fiber with 0.9mm outer diameter; 2. D is outer diameter of the round cable; 3.The minimum bend radius (static) is 5D when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type:G652,G655 or G657 single-mode fiber,A1a or A1b multi-mode cable , or other type of fiber;
- Material of jacket: Flame-retardant polyvinyl chloride (PVC),low smoke zero halogen flame retardant polyolefin (LSZH), environmental halogen flame retardant polyolefin (ZRPO); environmental thermoplastic polyurethane (TPU) or other material;
- Delivery Length: 1km or 2km, or as required.

Simplex cable (GJFJZY)



Application

- Widely used in FTTX access network;
- Fiber Jumpers and pigtails. The tight buffer fiber cable is prefabricated into ends in factory, the fiber active connectors are plugged into splice box or terminal box, which greatly improve the construction efficiency .

Feature

- Excellent stripping quality;
- Single mode and Multimodel fiber for options;
- Flame retardant characteristics meets the requirements of relevent standards;
- Easy to splice, good capacity of data transmission;
- Different types to meet various requirement.

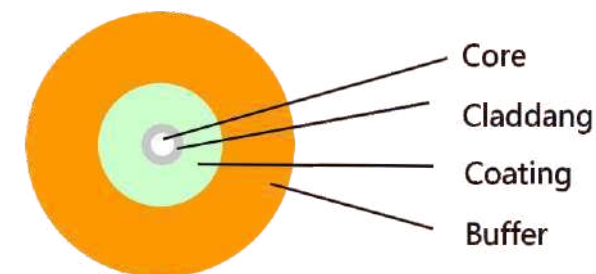
Specification

Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Bending radius (mm)		Temperature (°C)
			Long term	Short term	Long term	Short term	Dynamic	Static	
1	1.6	2.2	40	80	100	500	50	30	-20~+60
1	1.8	3.0	40	80	100	500	50	30	
1	2.0	3.6	60	100	100	500	50	30	
1	2.4	5.0	60	100	100	500	50	30	
1	2.8	6.5	80	150	100	500	50	30	
1	3.0	7.4	80	150	100	500	50	30	
Note: 1.All the values in the table, which are for reference only, are subject to change without notice; 2.The minimum bend radius (static) is 15mm when G.657 fiber is used.									

OEM Order is accepted

- Fiber Type: G652、G655 or G657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Material: of buffer: Flame-retardant polyvinyl chloride (PVC), low smoke zero halogen flame retardant polyolefin (LSZH), Hytrel, Nylon(Nylon12), or other material;
- Color of buffer: Blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, turquoise, etc;
- Outer diameter of fiber: The nominal diameters are 0.580mm and 0.880mm, or as required;
- Delivery Length: 1km or 2km, or as required.

Tight buffered fiber (GJJV)



Application

- Widely used in FTTX access network;
- Fiber Jumpers and pigtails. The tight buffer fiber cable is prefabricated into ends in factory, the fiber active connectors are plugged into splice box or terminal box, which greatly improve the construction efficiency .

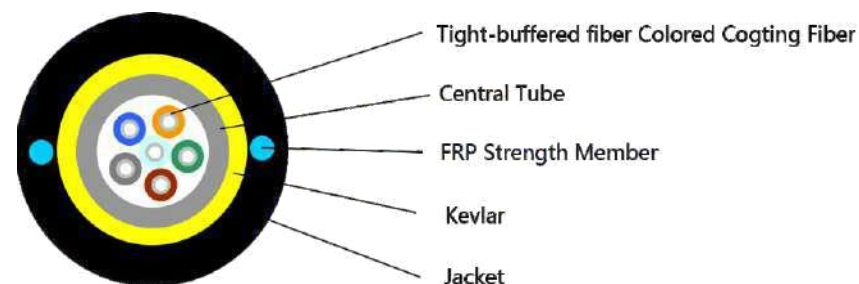
Feature

- Excellent stripping quality;
- Single mode and Multimodel fiber for options;
- Flame retardant characteristics meets the requirements of relevent standards;
- Easy to splice, good capacity of data transmission;
- Different types to meet various requirement;
- Different color for options:Blue,orange,Green, Brown, Grey,Natural, Red,Black, Yellow, Violet, Pink,Aqua.

Specification

Items			Unit	G.657.A(B6.a)		G.657.B(B6.b)	
				G.657.A1	G.657.A2	G.657.B2	G.657.B3
Mode Field Diameter(1310nm)			μm	8.6~9.5±0.4		6.3~9.5±0.4	
Cladding Diameter			μm	125.0±0.7			
Core-Cladding Concentricity Error			μm	≤0.5			
Cladding Non-Circularity			%	≤1.0			
Coating Diameter(un-colored)			μm	245±10			
Coating Diameter(colored)			μm	250±15			
Cut-off Wavelength λCC			nm	≤1260			
Bend Loss	1550nm Max Loss	R=15mm、10 turns	dB	0.25	0.03	0.03	—
		R=10mm、1 turns		0.75	0.1	0.1	0.03
		R=7.5mm、1 turns		—	0.5	0.5	0.08
		R=5mm、1 turns		—	—	—	0.15
	1625nm Max Loss	R=15mm、10 turns	dB	1.0	0.1	0.1	—
		R=10mm、1 turns		1.5	0.2	0.2	0.1
		R=7.5mm、1 turns		—	1.0	1.0	0.25
		R=5mm、1 turns		—	—	—	0.45
Attenuation Coefficient		1310nm	dB/km	≤0.38		≤0.50	
		1383nm		≤0.38		—	
		1550nm		≤0.24		≤0.30	
		1625nm		≤0.28		≤0.40	

Central tube optic fiber cable (GYXTW)



Application

- Duct/Aerial

Feature

- Excellent mechanical and temperature performance;
- High strength and hydrolysis resistance loose tube;
- Special compact structure design prevent loose tubes from shrinking;
- PE outer sheath protect cable from ultraviolet radiation.

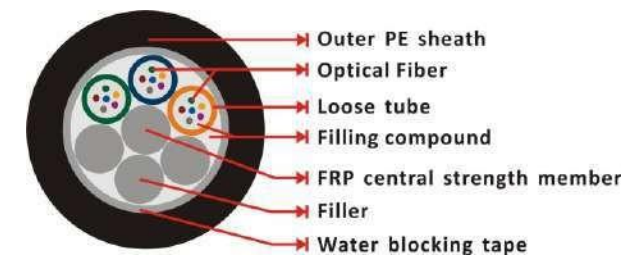
Specification

Cable Type	Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Temperature (°C)
				Long term	Short term	Long term	Short term	
GYXTY-2~12Xn	2~12	9.90	110	600	1500	1000	3000	-40~+70

Description

About GYXTW optic fiber cable , single-mode/multi-mode fiber are positioned in the loose tube, which is made of high modulus plastic loose tube, an filled with filling compound. Double-sided chromium plated steel belt is longitudinally applied outside the loose tube, and waterproof materials are distributed into interstices between them to ensure the compactness longitudinally waterproof performance, and with two parallel steel wires placed at both sides.

Stranded loose tube Non-amored Cable (GYTA)



Application

- Duct/Aerial

Feature

- Excellent mechanical and temperature performance ;
- High strength and hydrolysis resistance loose tube;
- Special compact structure design prevent loose tubes from shrinking;
- High strength and hydrolysis resistance loose tube;
- Special compact structure design prevent loose tubes from shrinking;

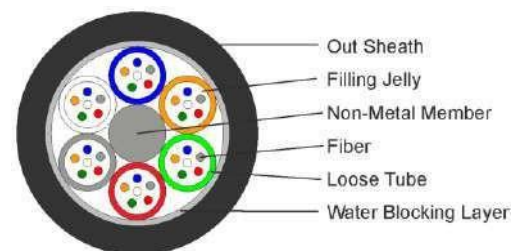
Specification

Fiber Type	Fiber core	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Tube Count	Temperature (°C)
				Long term	Short term	Long term	Short term		
GYTA-2~30Xn	2~30	9.2	85	600	1500	300	1000	5	-40~+70
GYTA-32~36Xn	32~36	10.2	107	600	1500	300	1000	6	
GYTA-38~60Xn	38~60	10.4	110	600	1500	300	1000	5	
GYTA-62~72Xn	62~72	11.4	130	600	1500	300	1000	6	
GYTA-74~96Xn	74~96	13.6	165	600	1500	300	1000	8	
GYTA-98~120Xn	98~120	14.8	195	600	1500	300	1000	10	

Description

About GYTA Outdoor optic fiber cable , the coloring fiber are positioned in a loose tube and fillers are stranded around the metallic central strength member, it pass SZ into a compact, the APL is covering longitudinally, the cable is completed with PE sheath. The water-resistance filling compound is full fill with the gap inside of loose tube.

Stranded loose tube Non-metallic armored Cable (GYFTY)



Application

- Duct /Aerial.

Feature

- Excellent mechanical and temperature performance;
- Good hydrolysis resistant and high strength loose tube;
- High crush resistance and flexibility.

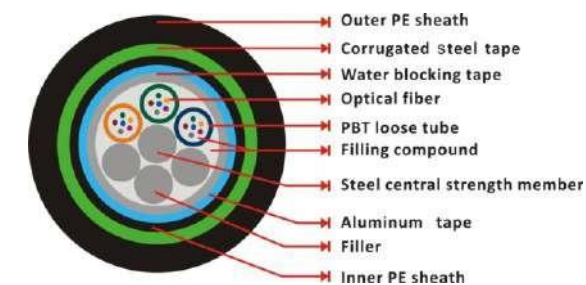
Specification

Cable Type	Fiber core	Tube Account	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Temperature (°C)
					Long term	Short term	Long term	Short term	
GYFTY-2~36Xn	2~36	6	10.6	92	600	1500	300	1000	-40~+70
GYFTY-38~72Xn	38~72	6	11.2	102	600	1500	300	1000	
GYFTY-74~96Xn	74~96	6	13.0	154	600	1500	300	1000	

Description

About GYFTY Outdoor optic fiber cable , the coloring fiber are positioned in a loose tube , the tubes are filled with water resistant filling compound, and a FRP locates in the center as non-metallic strength member. The tubes and fillers are stranded into a compact and circular core around the strength member. Then the cable is completed with a PE sheath after the cable core is filled with filling compound.

Stranded Loose Tube Armored Cable (GYTA53)



Application

- Duct/ Aerial/ Direct buried.

Feature

- Excellent mechanical and temperature performance ;
- Good hydrolysis resistant and high strength loose tube;
- High crush resistance and flexibility.

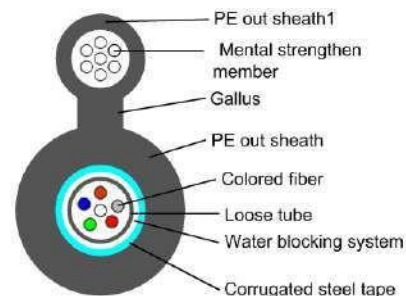
Specification

Cable type	Fiber Count	Tubes	Diameter (mm)	Cable Weight (kg/km)	Tensile Strength long /short term (N)	Crush Resistance long /short term (N)	Bending Radius Static/Dynamic (mm)
GYTA 53-2~36Xn	2 ~ 36	6	13	199	1000/3000	1000/3000	10D/20D
GYTA 53-38~72Xn	38 ~ 72	6	15	244	1000/3000	1000/3000	10D/20D
GYTA 53-74~96Xn	74 ~ 96	8	16.8	290	1000/3000	1000/3000	10D/20D
GYTA 53-98~120Xn	98~120	10	17.8	333	1000/3000	1000/3000	10D/20D

Description

GYTA53 , the fibers are positioned in a central loose tube and water-resistance fillers are around the metallic central strength member. Tubes and fillers are stranded around the strength member into a compact and circular cable core by SZ equipment. And APL (aluminum polyethylene laminate) is applied around the cable core, which filled with the filling compound to protect it from water ingress. Then the cable core is covered with PE inner sheath, after the PSP is longitudinally applied over the inner sheath, the cable is completed with a PE outer sheath.

Self-supporting Figure 8 Unitube Drop Cable (GYXTC8S)



Application

- Aerial.

Feature

- Excellent mechanical and temperature performance;
- Good hydrolysis resistant and high strength loose tube;
- High crush resistance and flexibility.

Specification

Cable Type	Fiber core	Steel Messenger	Dimension (mm)	Weight (kg/km)	Tensile strength (N)		Crush strength (N/100mm)		Temperature (°C)
					Long term	Short term	Long term	Short term	
GYXTC8S-2~12Xn	2~12	1.0*7	7.65*14.5	72	1000	2500	300	1000	-40~+70
GYXTC8S-14~24Xn	14~24	1.0*7	8.2*15.1	98	600	1500	300	1000	

Description

About GYXTC8S fiber cable, the fibers are positioned in a loose tube made of a high modulus plastic, the tubes are filled with a water-resistant filling compound. The two sides PSP are longitudinally applied over the outer loose tube. Steel wires and loose tubes filled with water proof compound to ensure compact and longitudinally water blocking ,this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene(PE) sheath to be figure 8 structure.

Adapter

Feature

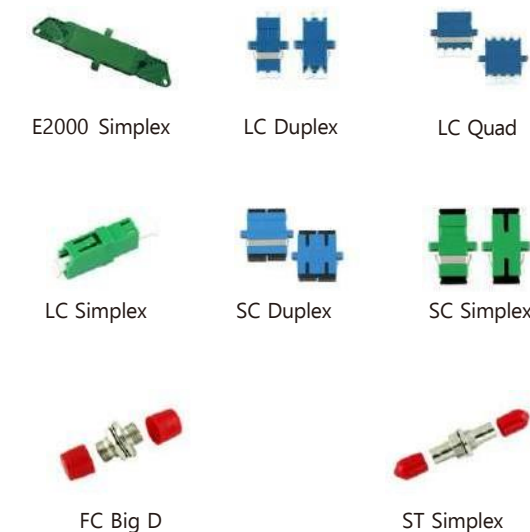
- Good repeatability and interchangeability.
- Good temperature performance and durability.
- High quality ceramic ferrules Low insertion loss.
- High reflection loss size precision.

Application

- FTTH(Fiber To The Home).
- Data Processing Networks.
- Telecom Equipment.
- Local Area Networks.
- CATV & CCTV .

Technical Specs

Adapter type	SC,LC,FC,E2000
Insertion Loss(db)	≤0.20
Plug and unplug force(g/f)	200-600
Mating Durability 1000 times(db)	0.2
Repeatability(db)	0.1
Interchangeability(db)	0.2
Sleeve Material	Ceramic/Bronze
Operating Temperature()	-40 ~ +80



Fiber Patch Cord



Application

- Widely used in FTTC access network;
- Telecommunication/CATV Systems;
- Data processing networks.

Feature

- Low insertion loss ;
- Good reproducibility;
- High return loss;
- Good mutual insert performance;
- Good temperature stability.

Specification

Item	Description	
Fiber Type	SM(G.652/G.657A)	MM(OM1/OM2/OM3/OM4)
Jacket Materials	LSZH/PVC	
Connector Type	SC/FC/LC/ST/MTRJ/MU	
Ferrule Materials	Ceramic	
Cable dimension	0.9mm , 2.0mm, 3.0mm	
Cable color	Yellow	Orange
Testing Wavelengths	1310±30/1550±30nm	850±30/1300±30nm
Insertion Loss(dB) TIA/EIA-455-107	≤ 0.3dB (PC/UPC/APC)	≤ 0.3dB (PC/UPC)
Return Loss(dB) TIA/EIA-455-107	≥45dB(PC/UPC) ≥55dB(APC)	≥35dB(PC/UPC)
Cable Assemblies	Pigtail/Simplex/Duplex/Fan-out Patch cord	
Operating Temperature (° C)	-10~ + 70	
Storage Temperature (° C)	-40 ~ +85	
Package	Poly bag	

Fiber Patch Cord



FC-FC



FC-LC



FC-ST



LC-LC



LC-ST



SC-FC



LC-SC



SC-SC



Fiber Patch Cord



SC-ST



ST-ST



LC/LC-LC/LC



SC/SC-LC/LC



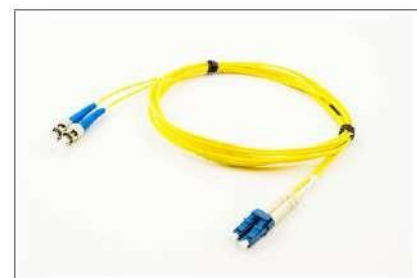
LC/LC-ST/ST



ST-ST



LC/LC-SC/SC



LC/LC-ST/ST

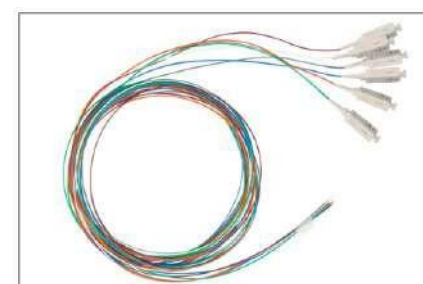
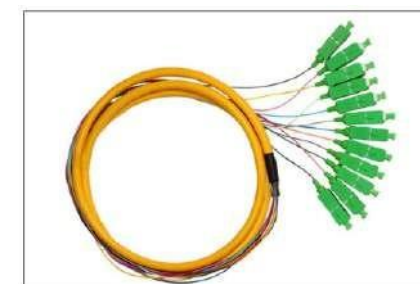
Pigtail

Application

- Widely used in FTTC access network;
- Telecommunication/CATV Systems;
- Data processing networks.

Feature

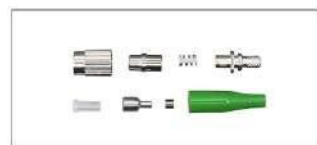
- Low insertion loss ;
- Good reproducibility;
- High return loss;
- PC,UPC,APC Polishing available;
- 2~12 cores for options.



Connector



FC/APC 0.9



FC/APC 2.0/3.0



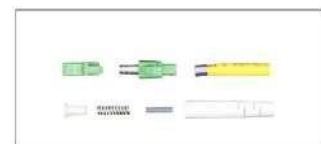
FC/PC 0.9



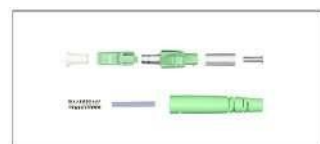
FC/PC 2.0/3.0



FC/SM 0.9



LC/APC SX2.0



LC/APC SX3.0



LC/MM DX2.0



LC/MM DX3.0



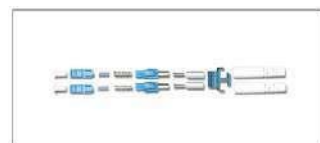
LC/MM SX2.0



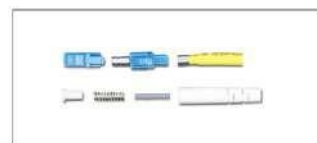
LC/MM SX3.0



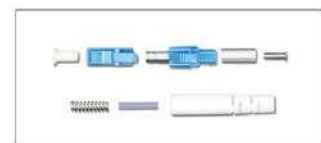
LC/SM DX2.0



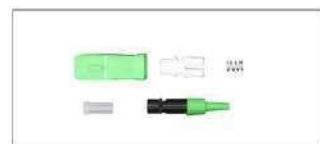
LC/SM DX3.0



LC/SM SX2.0



LC/SM SX3.0



SC/APC 0.9



SC/APC 2.0/3.0



SC/MM 0.9



SC/MM 2.0/3.0



SC/SM 0.9



SC/SM 2.0/3.0

Connector



ST/PC 0.9



ST/PC 2.0/3.0



ST/PC 2.0/3.0

Feature

- Meet the standard of GB,IEC,CECC;
- Low insertion loss and high return loss;
- High standards of end face geometry parameters.

Mode of fiber	SM			MM
Plug type	FC/SC/ST/E2000/D4			FC/SC/ST/D4
Insert needle end	PC	UPC	APC	PC
Insertion loss(IL)	≤0.3dB			≤0.3dB
Return loss(RL)	≥	≥50dB	≥	≥35dB
Repeatability	IL≤0.2dB		RL≤5dB	IL≤0.1dB
Vibration performance	IL≤0.2dB		RL≤5dB	IL≤0.2dB
Interchangeability	IL≤0.2dB		RL≤5dB	IL≤0.2dB
Service life	n>1000次			
Operating temperature	-40~+80			