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INDOOR OPTICAL FIBER CABLE



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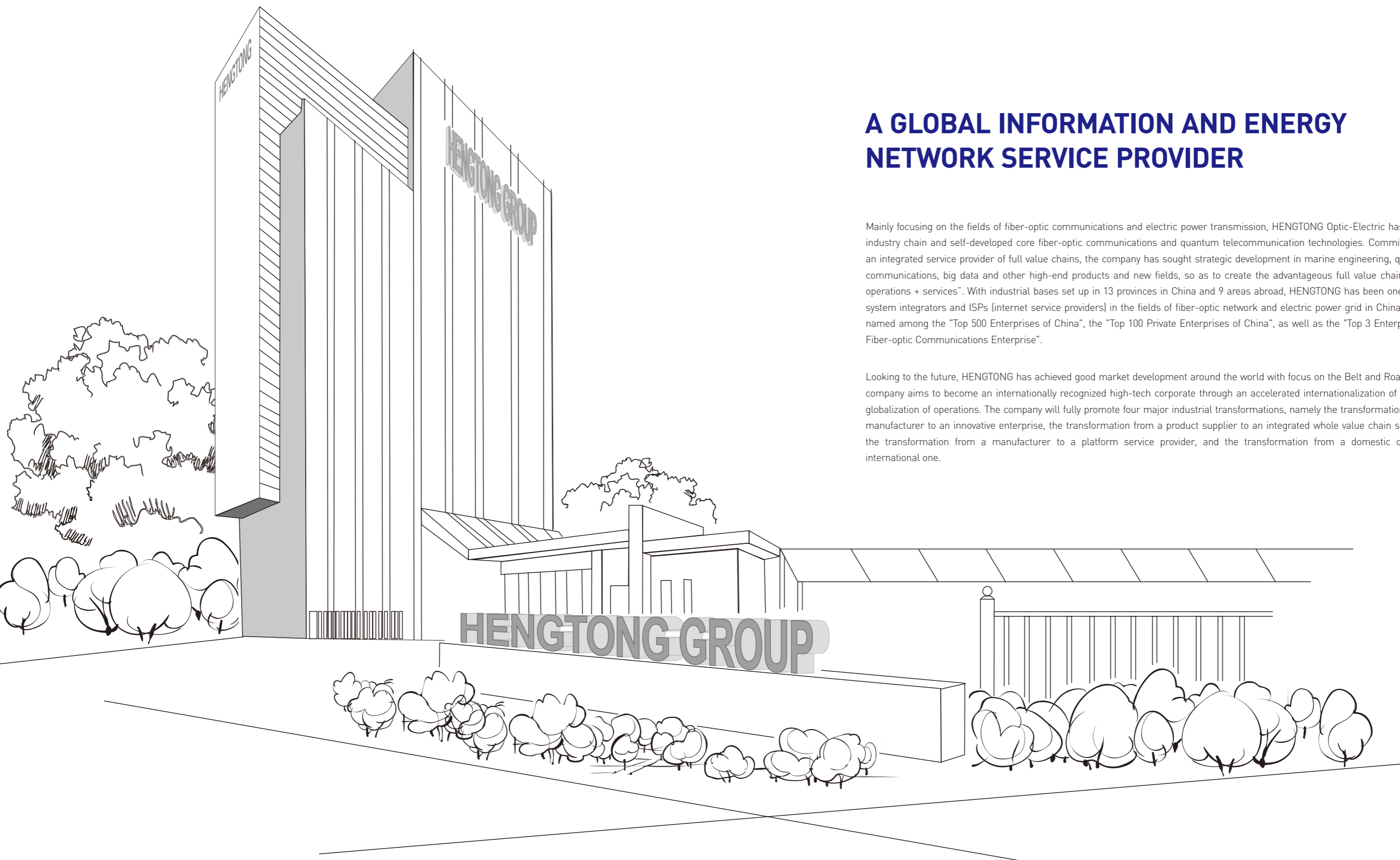


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Introduction

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A GLOBAL INFORMATION AND ENERGY NETWORK SERVICE PROVIDER

Mainly focusing on the fields of fiber-optic communications and electric power transmission, HENG TONG Optic-Electric has built up a full industry chain and self-developed core fiber-optic communications and quantum telecommunication technologies. Committed to building an integrated service provider of full value chains, the company has sought strategic development in marine engineering, quantum secure communications, big data and other high-end products and new fields, so as to create the advantageous full value chain of "product + operations + services". With industrial bases set up in 13 provinces in China and 9 areas abroad, HENG TONG has been one of the leading system integrators and ISPs (internet service providers) in the fields of fiber-optic network and electric power grid in China, and has been named among the "Top 500 Enterprises of China", the "Top 100 Private Enterprises of China", as well as the "Top 3 Enterprises of Global Fiber-optic Communications Enterprise".

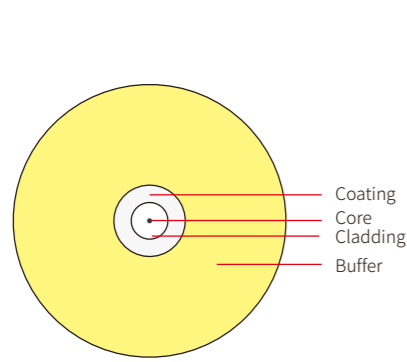
Looking to the future, HENG TONG has achieved good market development around the world with focus on the Belt and Road Initiative. The company aims to become an internationally recognized high-tech corporate through an accelerated internationalization of production and globalization of operations. The company will fully promote four major industrial transformations, namely the transformation from an R&D manufacturer to an innovative enterprise, the transformation from a product supplier to an integrated whole value chain service provider, the transformation from a manufacturer to a platform service provider, and the transformation from a domestic company to an international one.

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Tight Buffered Fiber Interconnect Cable



Technical data

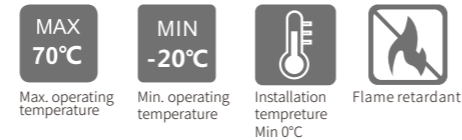
Fiber: Up to 1, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Tight buffered fiber
Strength Member: Non
Sheath Options: LSZH, PVC, Nylon, etc.
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Good flexibility, suitable for making patch cord and pigtail;
- Small bending radius, compact and light weight.

Applications

Element of indoor cable;
 Pigtail and patch cord in communication equipments.



Fiber Transmission Performance

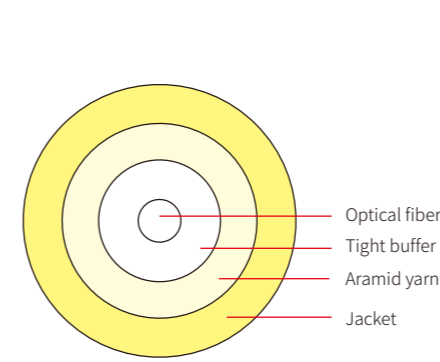
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
Tight Buttffer Fiber	1	0.5	/	/	100	50	60	30
Tight Buttffer Fiber	1	0.6	/	/	100	50	60	30
Tight Buttffer Fiber	1	0.7	/	/	100	50	60	30
Tight Buttffer Fiber	1	0.8	/	/	100	50	60	30
Tight Buttffer Fiber	1	0.9	/	/	100	50	60	30

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Simplex Round Indoor Cable Interconnect Cable



Technical data

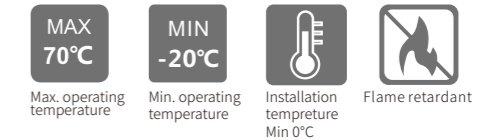
Fiber: Up to 1, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Simplex cable
Strength Member: Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Good flexibility, suitable for making patch cord and pigtail;
- Small bending radius, compact and light weight;
- Flame retardant outer sheath offering good protection.

Applications

Indoor cabling;
 Pigtail and patch cord in communication equipments.



Fiber Transmission Performance

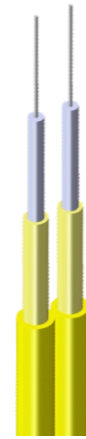
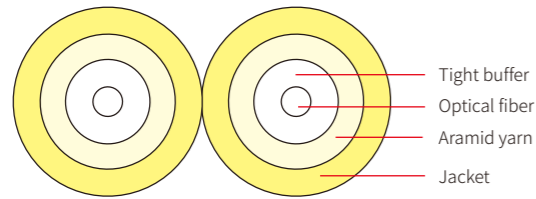
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GJFJZY(V)	1	1.5	60	30	500	200	60	30
GJFJZY(V)	1	1.6	60	30	500	200	60	30
GJFJZY(V)	1	1.8	60	30	500	200	60	30
GJFJZY(V)	1	2.0	60	30	500	200	60	30
GJFJZY(V)	1	2.4	120	60	500	200	60	30
GJFJZY(V)	1	2.8	120	60	500	200	60	30
GJFJZY(V)	1	3.0	120	60	500	200	60	30

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Duplex Flat Indoor Cable Interconnect Cable



Technical data

Fiber: Up to 2, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Duplex cable
Strength Member: Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

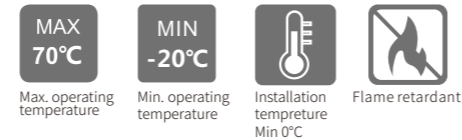


Features

- Good flexibility, suitable for making patch cord and pigtail;
- Small bending radius, compact and light weight;
- Flame retardant outer sheath offering good protection.

Applications

Indoor cabling;
 Double-core pigtail and patch cord;
 Working as connection cable in equipments.



Fiber Transmission Performance

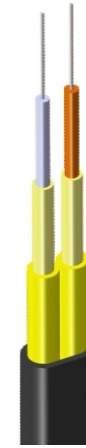
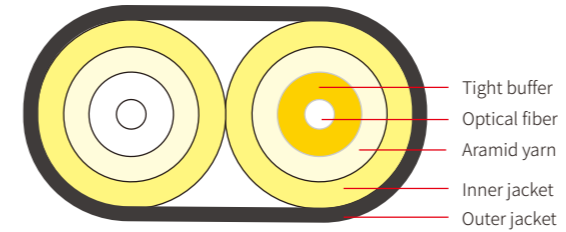
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable dimension (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GJFBH(V)	2	1.6×3.3	120	60	500	200	60	30
GJFBH(V)	2	1.8×3.7	120	60	500	200	60	30
GJFBH(V)	2	2.0×4.1	120	60	500	200	60	30
GJFBH(V)	2	2.4×4.9	240	120	500	200	60	30
GJFBH(V)	2	2.5×5.1	240	120	500	200	60	30
GJFBH(V)	2	2.8×5.7	240	120	500	200	60	30
GJFBH(V)	2	3.0×6.1	240	120	500	200	60	30

Notes: 1. The above parameters are typical value; 2. The cable spec can be designed according to customer's requirement.

Duplex Flat Indoor Cable Interconnect Cable



Technical data

Fiber: Up to 2, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Duplex cable
Strength Member: Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

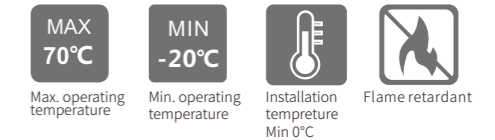


Features

- Good flexibility, easy for splicing;
- Small bending radius, small diameter and light weight;
- Flame retardant outer sheath offering good protection.

Applications

Indoor cabling;
 Double-core pigtail and patch cord;
 Working as connection cable in equipments.



Fiber Transmission Performance

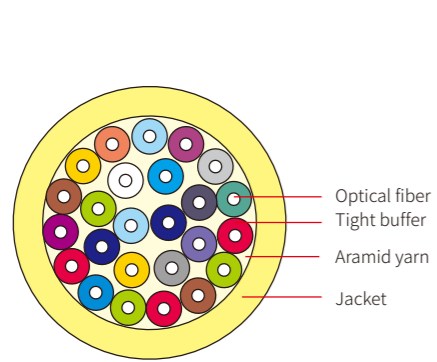
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable dimension (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GJFBHH	2	3.1×4.9	120	60	1000	400	20H	10H
GJFBHH	2	4.0×7.0	240	120	1000	400	20H	10H
GJFBHH	2	4.4×7.4	240	120	1000	400	20H	10H

Notes: 1. H denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Multi Fibers Distribution Indoor Cable I Indoor Cabling System



Technical data

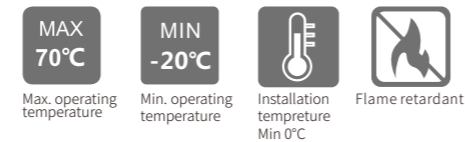
Fiber: Up to 24, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber distribution cable
Strength Member: Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Large number of cores, high density, can be divided into several independent optical units;
- Flexible, excellent stress and strain properties;
- Flame retardant outer sheath offering good protection;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Horizontal and vertical cabling inside buildings;
 Multi-core patch cord;
 As transmission cable in transmission equipment.



Fiber Transmission Performance

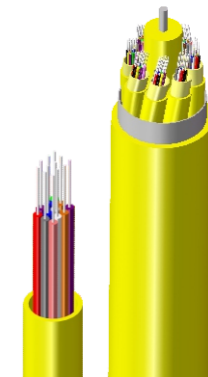
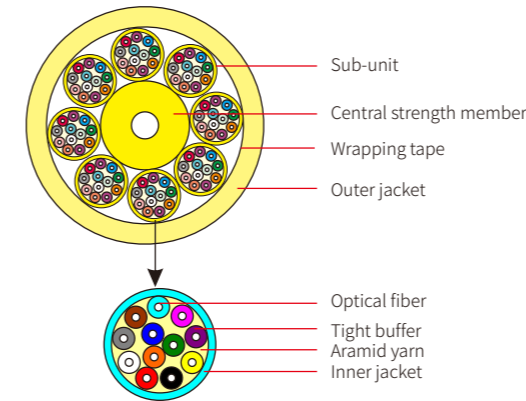
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)				Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term		Long term		Short term	Long term	Dynamic	Static
			Horizontal	Vertical	Horizontal	Vertical				
GJPFJH(V)	2	3.6	300	400	150	200	1000	500	20D	10D
GJPFJH(V)	4	4.7	440	660	220	330	1000	500	20D	10D
GJPFJH(V)	6	5.2	440	660	220	330	1000	500	20D	10D
GJPFJH(V)	8	5.8	440	660	220	330	1000	500	20D	10D
GJPFJH(V)	12	6.3	440	660	220	330	1000	500	20D	10D
GJPFJH(V)	16	6.9	660	1320	330	660	1000	500	20D	10D
GJPFJH(V)	18	7.0	660	1320	330	660	1000	500	20D	10D
GJPFJH(V)	20	8.0	660	1320	330	660	1000	500	20D	10D
GJPFJH(V)	24	8.0	660	1320	330	660	1000	500	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Multi Fibers Distribution Indoor Cable II Indoor Cabling System



Technical data

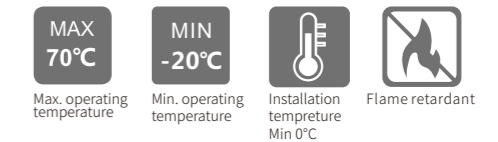
Fiber: Up to 144, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber distribution cable
Strength Member: Aramid yarn and FRP
Sheath Options: Double LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Large number of cores, high density, can be divided into several independent optical units;
- Flexible, excellent stress and strain properties;
- Flame retardant outer sheath offering good protection;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Horizontal and vertical cabling inside buildings;
 As transmission cable in transmission equipment.



Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

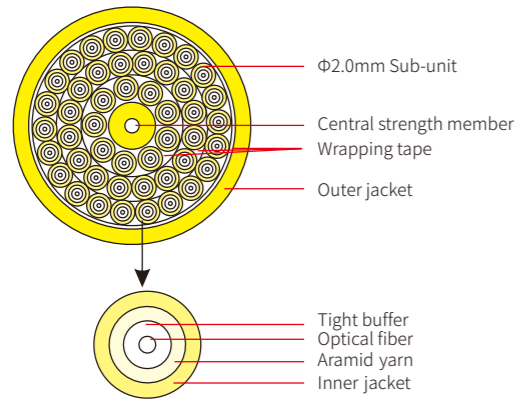
Technical Specification

Cable type	Fiber counts	Sub-unit		Cable diameter (mm)	Tensile Strength(N)				Crush Resistance(N/100mm)		Minimum bend radius(mm)	
		Fiber counts	Unit counts		Short term		Long term		Short term	Long term	Dynamic	Static
					Horizontal	Vertical	Horizontal	Vertical				
GJPFJH(V)	24	6	4	4.5	1200	600	1200	600	20D	10D		
GJPFJH(V)	36	6	6	4.5	1600	800	1200	600	20D	10D		
GJPFJH(V)	48	12	4	5.5	1600	800	1200	600	20D	10D		
GJPFJH(V)	72	12	6	5.5	2000	1000	1200	600	20D	10D		
GJPFJH(V)	96	12	8	5.5	3000	1700	1200	600	20D	10D		
GJPFJH(V)	144	12	12	5.5	3500	2000	1200	600	20D	10D		

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Multi Fibers Breakout Indoor Cable

Indoor Cabling System



Technical data

Fiber: Up to 60, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber breakout cable
Strength Member: Aramid yarn and FRP
Sheath Options: Double LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards



Features

- Large number of cores, high density, can be divided into several independent optical units;
- Flexible, excellent stress and strain properties;
- Flame retardant outer sheath offering good protection;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Multi-core patch cord;
 Indoor cabling, especially used as breakout cable;
 As transmission cable in transmission equipment.

Max. operating temperature

Min. operating temperature

Installation temperature
 Min 0°C

Flame retardant

Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

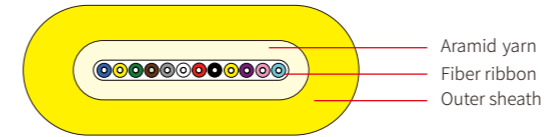
Technical Specification

Cable type	Fiber counts	Sub-unit diameter (mm)	Cable structure	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
					Short term	Long term	Short term	Long term	Dynamic	Static
GJBFJH(V)	4	2.0	1+4	7.5	400	200	1000	500	20D	10D
GJBFJH(V)	6	2.0	1+6	8.5	800	400	1000	500	20D	10D
GJBFJH(V)	8	2.0	1+8	9.5	660	330	1000	500	20D	10D
GJBFJH(V)	12	2.0	1+12	12.0	1000	500	1000	500	20D	10D
GJBFJH(V)	24	2.0	1+9+15	14.5	1800	900	1000	500	20D	10D
GJBFJH(V)	36	2.0	1+6+12+18	17.5	2200	1100	1000	500	20D	10D
GJBFJH(V)	48	2.0	1+10+16+22	19.5	3000	1500	1000	500	20D	10D
GJBFJH(V)	60	2.0	1+6+12+18+24	22.0	3600	1800	1000	500	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Fiber Ribbon Indoor Cable

Indoor Cabling System



Technical data

Fiber: Up to 12
Fiber Types: Single-mode or multimode
Cable Types: Ribbon fiber
Strength Member: Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards



Features

- High fiber density, small size, light weight, good looking and compact structure;
- Easy for installation and splicing, branching and flame retardant;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Indoor cabling;
 Ribbon patch cord and ribbon pigtail;
 As flexible connection cable between equipments.

Max. operating temperature

Min. operating temperature

Installation temperature
 Min 0°C

Flame retardant

Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

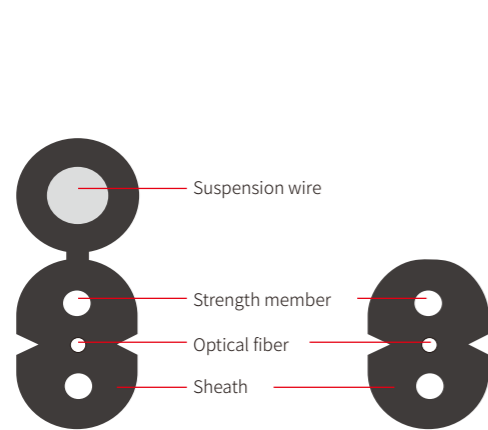
Technical Specification

Cable type	Fiber counts	Cable dimension (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GJDFH(V)	4	2.2×3.2	220	100	500	250	30H	15H
GJDFH(V)	6	2.2×4.2	220	100	500	250	30H	15H
GJDFH(V)	8	2.2×4.2	220	100	500	250	30H	15H
GJDFH(V)	12	2.2×4.7	220	100	500	250	30H	15H

Notes: 1. H denotes the height of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Bow-type Drop Cable

FTTx Drop Cable



Technical data

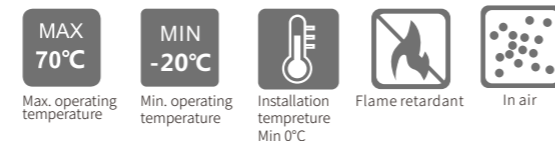
Fiber: Up to 12
Fiber Types: Single-mode or multimode
Cable Types: Bow-type drop cable
Strength Member: (K)FRP or steel wire
Sheath Options: Single LSZH sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Compact and light weight, low purchasing and construction costs;
- Easy connect without splicing, fast and convenient;
- Excellent tensile and crush performance, the span distance for self-support type can be up to 50 meters;
- Flame retardant LSZH jacket meets relevant fire protection requirements in indoor environment;
- High carbon steel messenger wire enables the self-support type to have excellent tensile strength.

Applications

Used in indoor/outdoor cabling;
 Used as drop cable.



Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

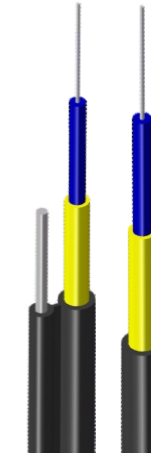
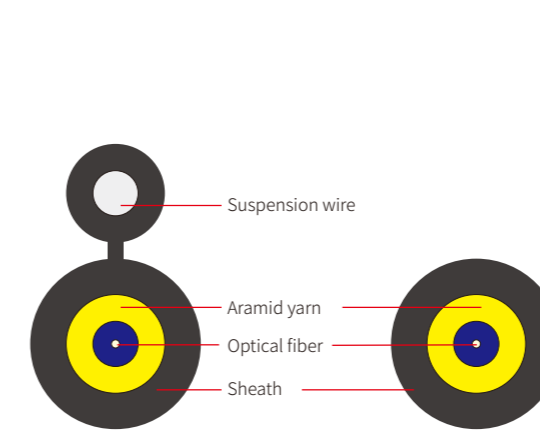
Technical Specification

Cable type	Fiber counts	Cable dimension (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GJXH	2	1.6×2.0	200	100	2200	1000	30	15
GJXFH	2	1.6×2.0	80	40	1000	500	30	15
GJYXCH	2	1.6×3.7	600	300	2200	1000	240	120
GJYXFCH	2	1.6×3.7	600	300	2200	1000	240	120
GJXH	4	3.0×2.0	200	100	2200	1000	30	15
GJXFH	4	3.0×2.0	80	40	1000	500	30	15
GJYXCH	4	5.2×2.0	600	300	2200	1000	240	120
GJYXFCH	4	5.2×2.0	600	300	2200	1000	240	120

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Round Type Drop Cable

FTTx Drop Cable



Technical data

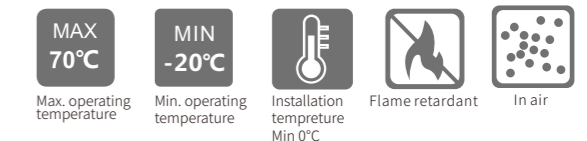
Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Round drop cable
Strength Member: Aramid yarn
Sheath Options: Single LSZH sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Compact and light weight, low purchasing and construction costs;
- Easy connect without splicing, fast and convenient;
- Excellent tensile and crush performance, the span distance for self-support type can be up to 50 meters;
- Flame retardant LSZH jacket meets relevant fire protection requirements in indoor environment;
- High carbon steel messenger wire enables the self-support type to have excellent tensile strength.

Applications

Used in indoor/outdoor cabling;
 Used as drop cable.



Fiber Transmission Performance

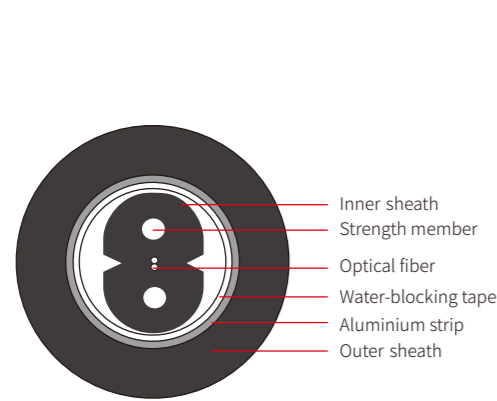
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GJFJH	1	2.5	150	80	1000	500	20D	10D
GJYFJH	1	3.0	300	150	1000	500	20D	10D
GJYFJCH	2	3.5×6.5	600	300	1000	500	20D	10D
GJYFJCH	4	3.7×6.5	600	300	1000	500	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Armored Bow-type Drop Cable FTTx Drop Cable



Technical data

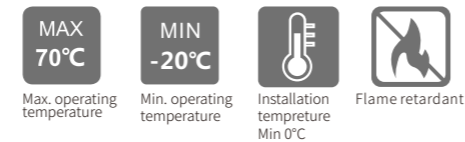
Fiber: Up to 4
Fiber Types: Single-mode or multimode
Cable Types: Drop cable for duct
Strength Member: (K)FRP or steel wire
Sheath Options: Inner LSZH sheath, outer PE sheath
Operating Temperature: -20°C~+70°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental characteristics;
- Easily strip and splice, simplify the installation and maintenance;
- From outdoor duct application to indoor wiring.

Applications

Used in indoor/outdoor cabling;
 Drop in duct.



Fiber Transmission Performance

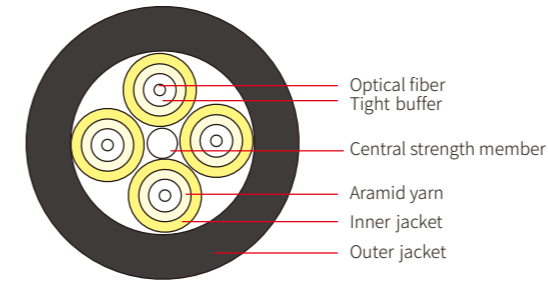
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
	Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Unit dimension (mm)	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GYPHA	1	2.0×3.0	6.8	200	100	2200	1000	20D	10D
GYPHA	2	2.0×3.0	6.8	200	100	2200	1000	20D	10D
GYPHA	4	2.0×3.0	6.8	200	100	2200	1000	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Cable For Wireless Remote Radio Unit I FTTx Drop Cable



Technical data

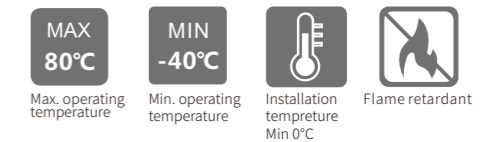
Fiber: Up to 4, tight buffered fiber"
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member: FRP and aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance;
- Small diameter, small bending radius and light-weight;
- Flame retardant outer sheath offering good protection; UV and lighting resistance;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Specially designed for cabling in base station;
 Patch cord in communication equipments;
 Indoor/outdoor horizontal and vertical cabling.



Fiber Transmission Performance

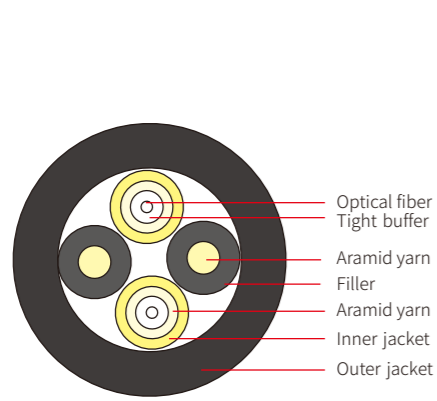
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
	Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GYFJH	2	7.0	500	250	2200	1100	20D	10D
GYFJH	4	7.0	600	300	2200	1100	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Cable For Wireless Remote Radio Unit II FTTx Drop Cable



Technical data

Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member: Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances: In accordance with IEC, ITU and EIA standards

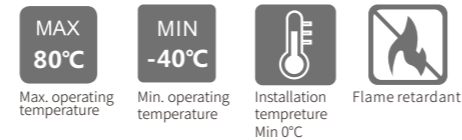


Features

- Excellent mechanical and environmental performance;
- Small diameter, small bending radius and light-weight;
- Flame retardant outer sheath offering good protection; UV and lighting resistance;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Specially designed for cabling in base station;
 Patch cord in communication equipments;
 Indoor/outdoor horizontal and vertical cabling.



Fiber Transmission Performance

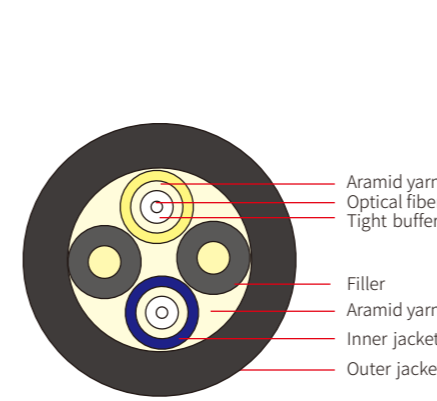
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
	Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GYFJH	2	7.0	400	200	2200	1100	20D	10D
GYFJH	4	7.0	400	200	2200	1100	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Cable For Wireless Remote Radio Unit III FTTx Drop Cable



Technical data

Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member: Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances: In accordance with IEC, ITU and EIA standards

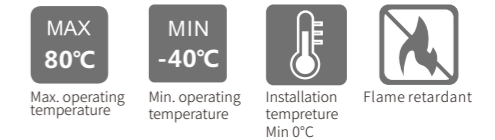


Features

- Excellent mechanical and environmental performance;
- Small diameter, small bending radius and light-weight;
- Flame retardant outer sheath offering good protection; UV and lighting resistance;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Specially designed for cabling in base station;
 Patch cord in communication equipments;
 Indoor/outdoor horizontal and vertical cabling.



Fiber Transmission Performance

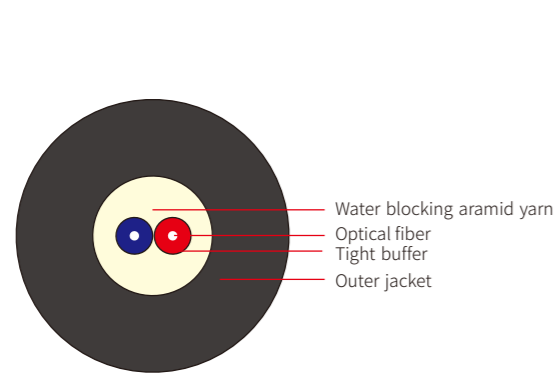
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
	Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GYFJH	2	7.0	600	300	2200	1100	20D	10D
GYFJH	4	7.0	600	300	2200	1100	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Cable For Wireless Remote Radio Unit IV FTTx Drop Cable



Technical data

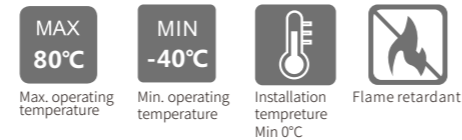
Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member: Aramid yarn
Sheath Options: Single LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance;
- Small diameter, small bending radius and light-weight;
- Flame retardant outer sheath offering good protection; UV and lighting resistance;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Specially designed for cabling in base station;
 Patch cord in communication equipments;
 Indoor/outdoor horizontal and vertical cabling.



Fiber Transmission Performance

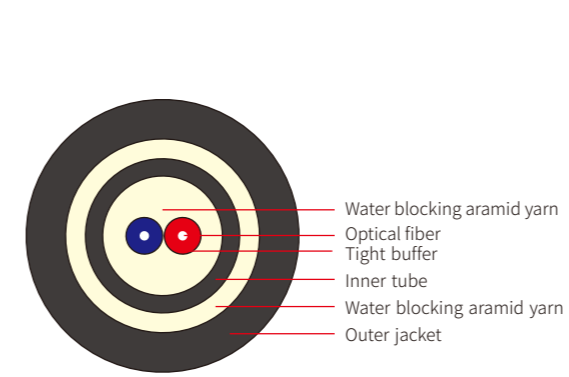
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GYFJZY	2	7.0	400	200	3000	1500	20D	10D
GYFJZY	4	7.0	400	200	2200	1100	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Cable For Wireless Remote Radio Unit V FTTx Drop Cable



Technical data

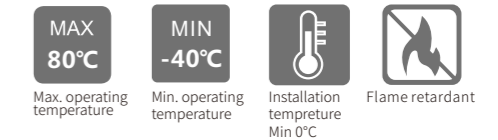
Fiber: Up to 2, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member: Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance;
- Small diameter, small bending radius and light-weight;
- Flame retardant outer sheath offering good protection; UV and lighting resistance;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Specially designed for cabling in base station;
 Patch cord in communication equipments;
 Indoor/outdoor horizontal and vertical cabling.



Fiber Transmission Performance

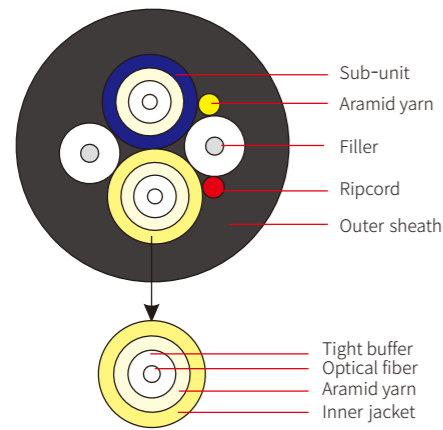
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Central tube diameter (mm)	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GYFXJH	2	3.0	4.8	400	200	1000	500	20D	10D
GYFXJH	2	3.0	7.0	400	200	2200	1100	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Cable For Wireless Remote Radio Unit VI FTTx Drop Cable



Technical data

Fiber: Up to 2, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member: Aramid yarn
Sheath Options: Inner LSZH sheath, outer PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In accordance with IEC, ITU and EIA standards



Features

- Excellent mechanical and environmental performance;
- Small diameter, small bending radius and light-weight;
- Flame retardant outer sheath offering good protection; UV and lighting resistance;
- All dielectric structure design, without electromagnetic induction effect.

Applications

Specially designed for cabling in base station;
 Patch cord in communication equipments;
 Indoor/outdoor horizontal and vertical cabling.

MAX
70°C

Max. operating temperature

MIN
-20°C

Min. operating temperature

Installation temperature
Min 0°C

Flame retardant

Fiber Transmission Performance

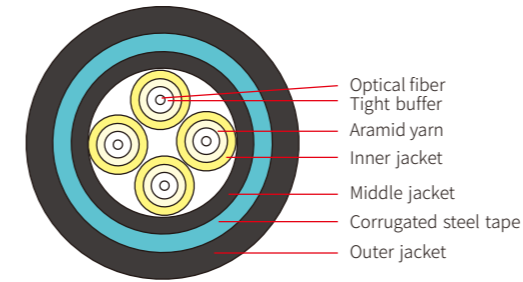
Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Sub-unit diameter (mm)	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GJBFJV	2	2.5	7.0	400	200	2000	1000	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Optical Cable For Wireless Remote Radio Unit VII FTTx Drop Cable



Technical data

Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member: Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances: In accordance with IEC, ITU and EIA standards



Features

- Excellent mechanical and environmental performance;
- Small diameter, small bending radius and light-weight;
- Flame retardant outer sheath offering good protection; UV and lighting resistance;
- Good anti-rodent performance.

Applications

Specially designed for cabling in base station;
 Patch cord in communication equipments;
 Indoor/outdoor horizontal and vertical cabling.

MAX
80°C

Max. operating temperature

MIN
-40°C

Min. operating temperature

Installation temperature
Min 0°C

Flame retardant

Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

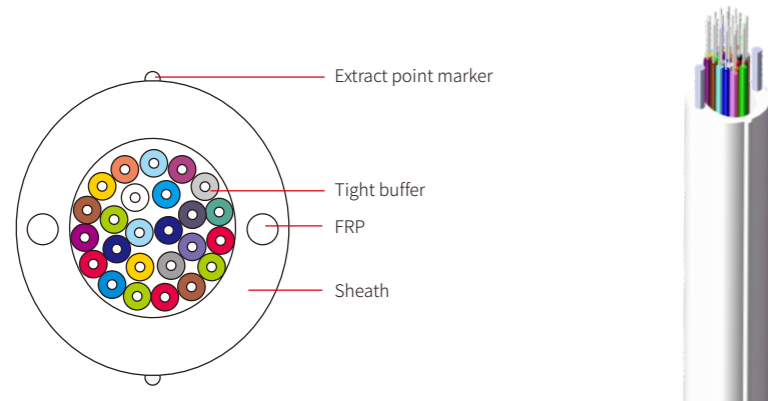
Technical Specification

Cable type	Fiber counts	Unit diameter (mm)	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GYJH53	1	2.0/7.0	10.5	500	250	2200	1000	20D	10D
GYJH53	2	2.0/7.0	10.5	500	250	2200	1000	20D	10D
GYJH53	4	2.0/7.0	10.5	500	250	2200	1000	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Easy Branches Indoor Riser Cable I

Indoor Multi-fiber Riser Cable



Technical data

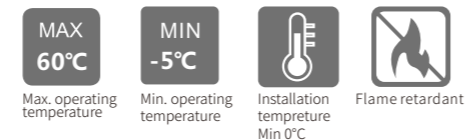
Fiber: Up to 24, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber riser cable
Strength Member: Parallel FRP
Sheath Options: Single LSZH sheath
Operating Temperature: -5°C~+60°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance;
- All dielectric and dry core structure improve the efficiency and cleanness in deployment;
- Small diameter, light weight, small occupied space;
- The FRP makes cable strong tension and anti-bend advantages;
- Data transmission with high reliability, low cost, easy to connect, etc.

Applications

Indoor horizontal and vertical cabling.



Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

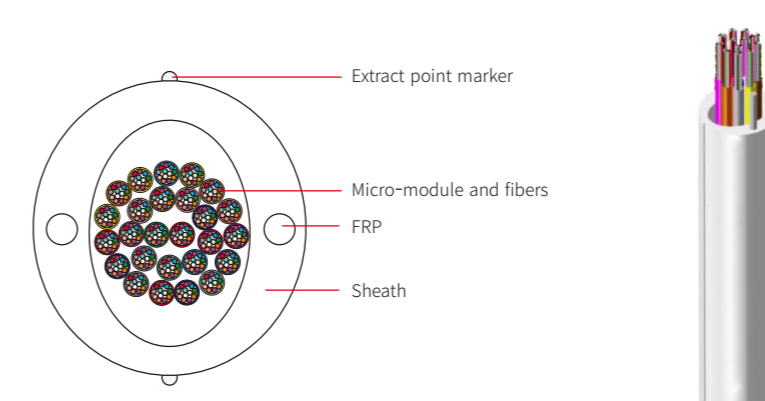
Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	FRP diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GJPFJH	2	7.5	1.2	500	250	1000	500	20D	10D
GJPFJH	4	7.5	1.2	500	250	1000	500	20D	10D
GJPFJH	6	8.0	1.2	500	250	1000	500	20D	10D
GJPFJH	8	8.0	1.2	500	250	1000	500	20D	10D
GJPFJH	12	9.0	1.2	500	250	1000	500	20D	10D
GJPFJH	16	10.5	1.2	500	250	1000	500	20D	10D
GJPFJH	18	10.5	1.2	500	250	1000	500	20D	10D
GJPFJH	24	10.5	1.2	500	250	1000	500	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

Easy Branches Indoor Riser Cable II

Indoor Multi-fiber Riser Cable



Technical data

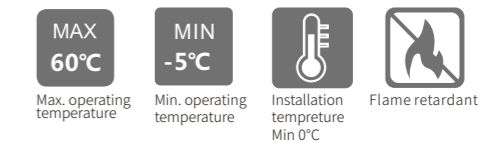
Fiber: Up to 288
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber riser cable
Strength Member: Parallel FRP
Sheath Options: Single LSZH sheath
Operating Temperature: -5°C~+60°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance;
- All dielectric and dry core structure improve the efficiency and cleanness in deployment;
- Micro modules can be easily stripped off without tools to get the fibers;
- Small diameter, light weight, small occupied space;
- The FRP makes cable strong tension and anti-bend advantages;
- Data transmission with high reliability, low cost, easy to connect, etc.

Applications

Indoor horizontal and vertical cabling.



Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

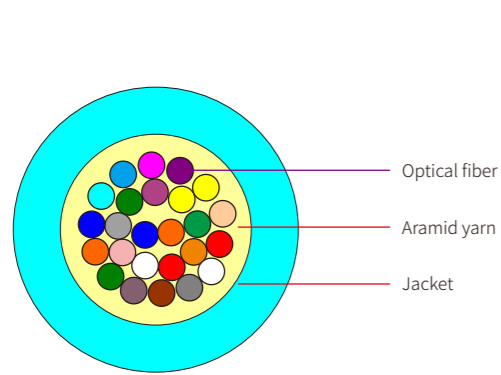
Technical Specification

Cable type	Fiber counts	Sub-unit			FRP diameter (mm)	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
		Fiber counts	Unit counts	Diameter (mm)			Short term	Long term	Short term	Long term	Dynamic	Static
GJPFWQH	12	4	3	0.9	1.2	7.5	500	250	1000	500	20D	10D
GJPFWQH	24	6	4	1.1	1.2	8.0	500	250	1000	500	20D	10D
GJPFWQH	36	6	6	1.1	1.2	8.0	500	250	1000	500	20D	10D
GJPFWQH	48	12	4	1.3	1.2	8.0	500	250	1000	500	20D	10D
GJPFWQH	72	12	6	1.3	1.2	10.5	500	250	1000	500	20D	10D
GJPFWQH	96	12	8	1.3	1.2	10.5	500	250	1000	500	20D	10D
GJPFWQH	144	12	12	1.3	1.2	11.0	500	250	1000	500	20D	10D
GJPFWQH	288	12	24	1.3	1.2	13.0	500	250	1000	500	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

MPO Patch Cord I

MPO Jumper Wire



Technical data

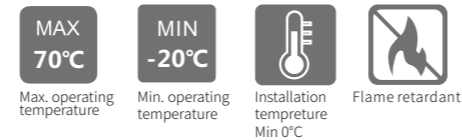
Fiber: Up to 24
Fiber Types: Single-mode or multimode
Cable Types: MPO cable
Strength Member: Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Extremely high fiber density, very small size, light weight and compact structure;
- Suitable for large capacity data transmission;
- Good flexibility, suitable for making patch cord;
- High strength, good bending property, without gel inside, convenient for splicing and cabling;
- Flame retardant outer sheath offering good protection.

Applications

Indoor cabling, as fan-out cable.



Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

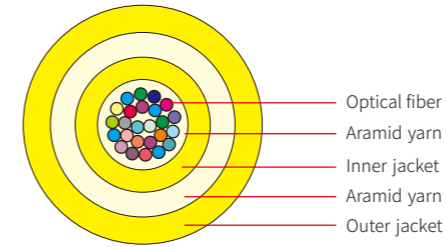
Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GJFV(H)	2	3.0	250	120	500	250	20D	10D
GJFV(H)	4	3.0	250	120	500	250	20D	10D
GJFV(H)	6	3.0	250	120	500	250	20D	10D
GJFV(H)	8	3.0	250	120	500	250	20D	10D
GJFV(H)	12	3.0	250	120	500	250	20D	10D
GJFV(H)	24	3.5	250	120	500	250	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

MPO Patch Cord II

MPO Jumper Wire



Technical data

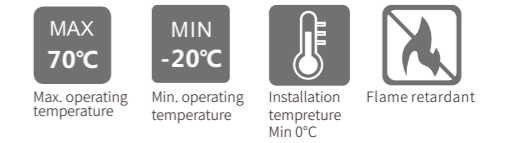
Fiber: Up to 24
Fiber Types: Single-mode or multimode
Cable Types: MPO cable
Strength Member: Aramid yarn
Sheath Options: LSZH/PVC
Operating Temperature: -20°C~+70°C
Compliances: In accordance with IEC, ITU and EIA standards

Features

- Extremely high fiber density, small size, light weight and compact structure;
- Suitable for large capacity data transmission;
- Good flexibility, suitable for making patch cord;
- High strength, good bending property, without gel inside, convenient for splicing and cabling;
- Flame retardant outer sheath offering good protection.

Applications

Indoor cabling, as fan-out cable;
 Indoor horizontal and vertical cabling.



Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

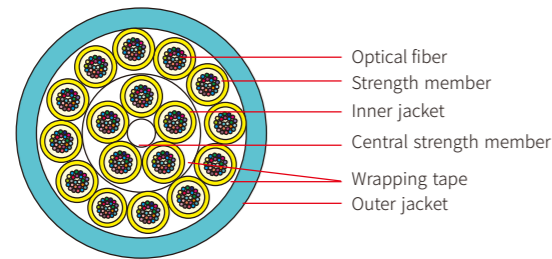
Technical Specification

Cable type	Fiber counts	Central tube dimension (mm)	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GJFXV(H)	2	3	5.5	660	330	1000	500	20D	10D
GJFXV(H)	4	3	5.5	660	330	1000	500	20D	10D
GJFXV(H)	6	3	5.5	660	330	1000	500	20D	10D
GJFXV(H)	8	3	5.5	660	330	1000	500	20D	10D
GJFXV(H)	12	3	5.5	660	330	1000	500	20D	10D
GJFXV(H)	24	3.5	6.0	660	330	1000	500	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

MPO Patch Cord III

MPO Jumper Wire



Technical data

Fiber: Up to 288

Fiber Types: Single-mode or multimode

Cable Types: MPO cable

Strength Member: Aramid yarn

Sheath Options: LSZH/PVC

Operating Temperature: -20°C~+70°C

Compliances: In accordance with IEC, ITU and EIA standards

Features

- Extremely high fiber density, small size, light weight and compact structure;
- Suitable for large capacity data transmission;
- Good flexibility, suitable for making patch cord;
- Each individual unit cable has its own aramid yarn as strength member;
- High strength, good bending property, without gel inside, convenient for splicing and cabling;
- Flame retardant outer sheath offering good protection.

Applications

Indoor cabling, as fan-out cable;
Indoor horizontal and vertical cabling.



Max. operating temperature



Min. operating temperature



Installation temperature
Min 0°C



Flame retardant

Fiber Transmission Performance

Cabled Optical fiber	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1310nm / 1550nm)
Max attenuation(dB/km)	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value(dB/km)	3.0/1.0	3.0/1.0	0.36/0.22	0.36/0.22

Technical Specification

Cable type	Fiber counts	Sub-unit		Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)		
		Fiber counts	Unit counts		Short term	Long term	Short term	Long term	Dynamic	Static	
GJPFH(V)	24	12	2	3.0	9.5	600	300	1000	500	20D	10D
GJPFH(V)	48	12	4	3.0	9.5	600	300	1000	500	20D	10D
GJPFH(V)	72	12	6	3.0	11.5	800	400	1000	500	20D	10D
GJPFH(V)	96	12	8	3.0	13.5	1000	500	1000	500	20D	10D
GJPFH(V)	144	12	12	3.0	17.5	1500	750	1000	500	20D	10D
GJPFH(V)	288	12	24	3.0	21.0	3000	1500	1000	500	20D	10D

Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

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America Region

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Bolivia
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Ecuador
Mexico
Peru

Asia Pacific Region

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Indonesia
Malaysia
Myanmar
Nepal
Pakistan
Philippines
Singapore
Sri Lanka
Taiwan, China
Thailand
Vietnam

Brazil Hengtong

Brazil

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Egypt
Jordan
Lebanon
Morocco (West Africa&North Africa Region)

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Italy
Poland
Serbia
Turkey
Ukraine

Russia Region

Russia

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