ZION

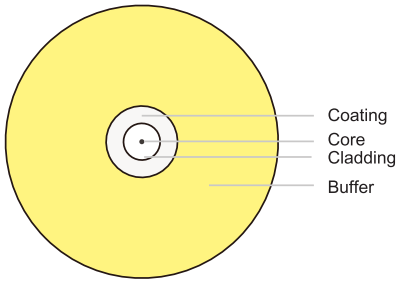
GENERAL INDOOR

OPTICAL FIBER CABLE

Contents

Tight Buffered Fiber

Jumper Wire



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℃~+70℃
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.

Application

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

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

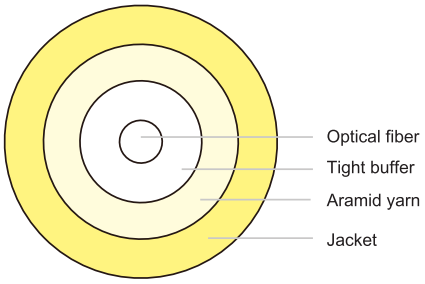
Technical Specification

Cable type	Maximum cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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

Jumper Wire



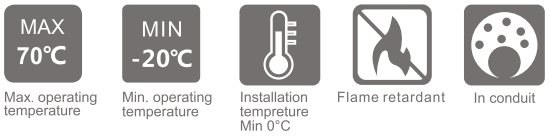
Fiber: Up to 1, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Simplex cable
Strength Member: Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

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

Application

Indoor cabling;
Pigtail and patch cord in communication equipments.



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

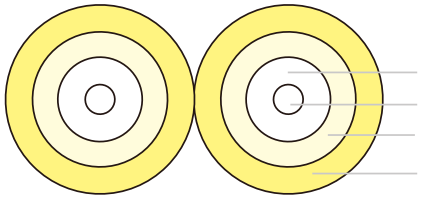
Technical Specification

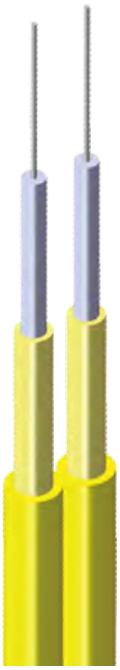
Cable type	Maximum cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GJFJZY(V)	1	1.5	60	30	500	200	60	30
GJFJZY(V)	1	1.6	60	30	500	200	60	30
GJFJZY(V)	1	1.8	60	30	500	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 A

Jumper Wire





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℃~+70℃
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.

Application

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

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

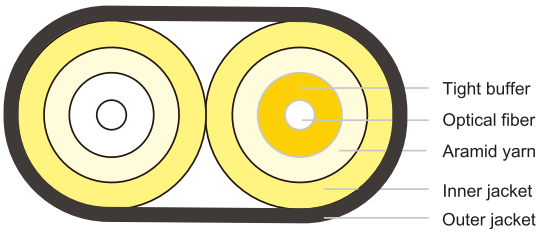
Technical Specification

Cable type	Maximum cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GJFJBH(V)	2	1.6×3.3	120	60	500	200	60	30
GJFJBH(V)	2	1.8×3.7	120	60	500	200	60	30
GJFJBH(V)	2	2.0×4.1	120	60	500	200	60	30
GJFJBH(V)	2	2.4×4.9	240	120	500	200	60	30
GJFJBH(V)	2	2.5×5.1	240	120	500	200	60	30
GJFJBH(V)	2	2.8×5.7	240	120	500	200	60	30
GJFJBH(V)	2	3.0×6.1	240	120	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 B

Jumper Wire



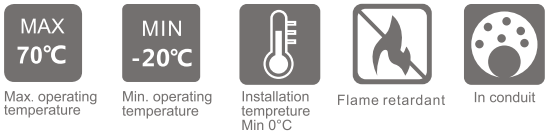
Fiber: Up to 2, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Duplex cable
Strength Member:Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -20℃~+70℃
Compliances: In Accordance with IEC, ITU and EIA standards

Features

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

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

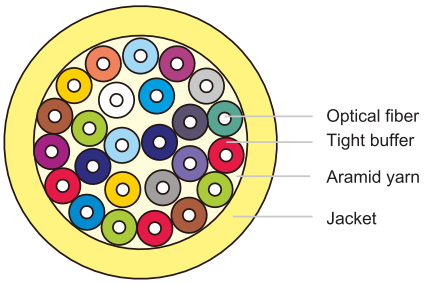
Technical Specification

Cable type	Maximum cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GJFJBHH	2	3.1×4.9	120	60	1000	400	60	30
GJFJBHH	2	4.0×7.0	240	120	1000	400	60	30
GJFJBHH	2	4.4×7.4	240	120	1000	400	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.

Multi Fibers Cable Distribution Indoor A

Indoor Cabling System



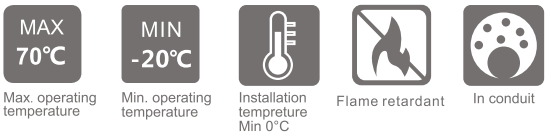
Fiber: Up to 24, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber distribution cable
Strength Member:Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20℃~+70℃
Compliances: In Accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

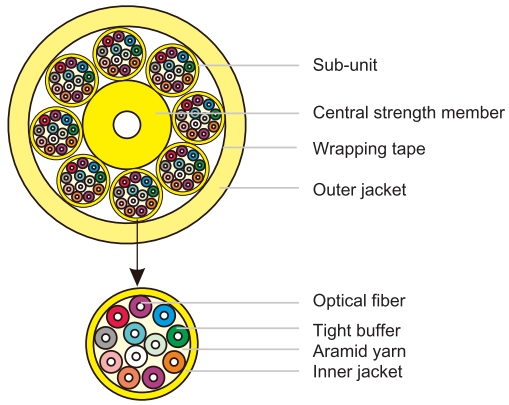
Technical Specification

Cable type	Fiber counts	Cable diameter	Tensile Strength Short term Level	Short term Vertical	Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
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 Cable Distribution Indoor B

Indoor Cabling System



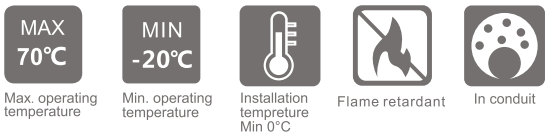
Fiber: Up to 144, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber distribution cable
Strength Member:Aramid yarn and FRP
Sheath Options: Double LSZH/PVC sheath
Operating Temperature: -20℃~+70℃
Compliances: In Accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

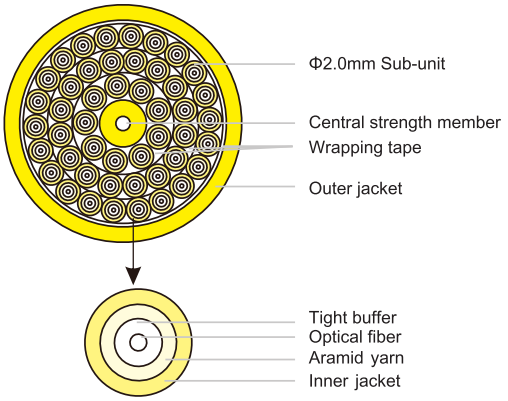
Technical Specification

Cable type	Fiber cores	Sub-unit			Cable diameter	Tensile Strength		Crush Resistance		Minimum bend radius	
		Fiber counts	Unit count	Diameter		Short term	Long term	Short term	Long term	Dynamic	Static
GJPFJH(V)	24	6	4	4.5	13.8	1200	600	1200	600	20D	10D
GJPFJH(V)	36	6	6	4.5	16.8	1600	800	1200	600	20D	10D
GJPFJH(V)	48	12	4	5.5	16.8	1600	800	1200	600	20D	10D
GJPFJH(V)	72	12	6	5.5	19.9	2000	1000	1200	600	20D	10D
GJPFJH(V)	96	12	8	5.5	23.2	3500	1700	1200	600	20D	10D
GJPFJH(V)	144	12	12	5.5	26.5	4000	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



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℃~+70℃
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.

Application

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

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

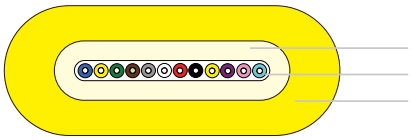
Technical Specification

Cable type	Fiber Counts	Sub-unit diameter	Cable structure	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GJBFJH(V)	4	2.0	1+4	7.5	500	250	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



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℃~+70℃
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 spicing, branching and flame retardant;
- All dielectric structure design, without electromagnetic induction effect.

Application

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

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

Technical Specification

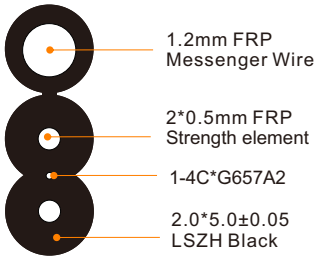
Cable type	Fiber cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GJDFH(V)	4	2.2×3.2	220	100	500	250	30H	15H
GJDFH(V)	6	2.2×4.2	220	100	500	250	30H	15H
GJDFH(V)	8	2.2×4.2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

Notes：1. 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.

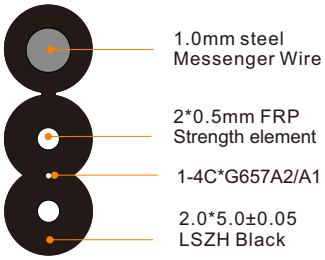
Bow-type Drop Cable For FTTX A

FTTX Drop Cable

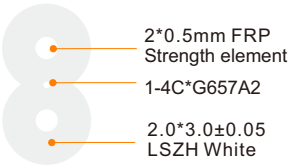
Round Type1: MAT=520N



Round Type2: MAT=834N

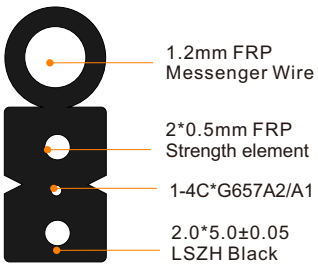


Round Type3: MAT=134N

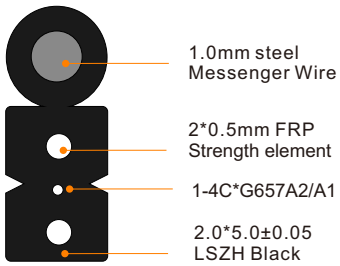


Round Type4: MAT=300N

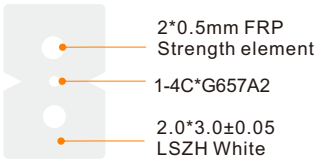
Type1: MAT=520N



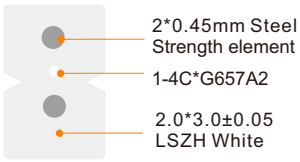
Type2: MAT=834N



Type3: MAT=134N



Type4: MAT=300N

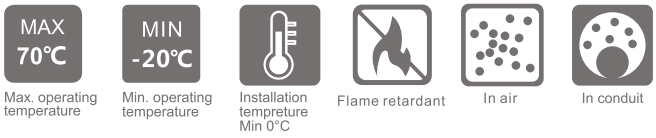


Features

- Compact and light weight, low purchasing and construction costs;
- Easy connect without splicing, fast and convenient;
- Excellent tensile and crush performance, the span distance forself-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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

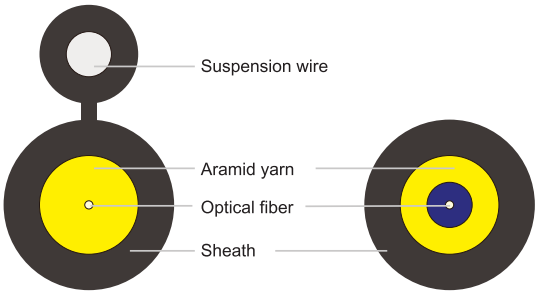
Technical Specification

Cable type	Maximum Counts	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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	200	100	2200	1000	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.

Bow-type Drop Cable For FTTX B

FTTX Drop Cable



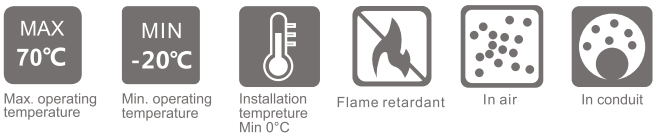
Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Round drop cable
Strength Member:Aramid yarn
Sheath Options: Single LSZH sheath
Operating Temperature: -20℃~+70℃
Compliances: In Accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)				
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

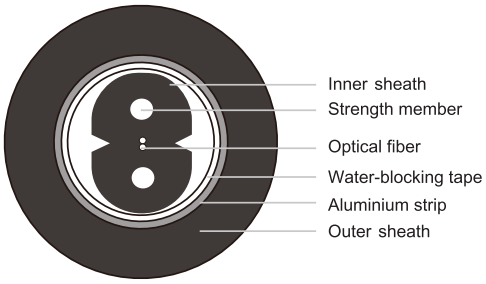
Technical Specification

Cable type								
GJFJH	1	2.5	150	80	1000	500	20D	10D
GJYFJH	1	3.0	300	150	1000	500	20D	10D
GJYFJCH	2	3.0×5.5	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



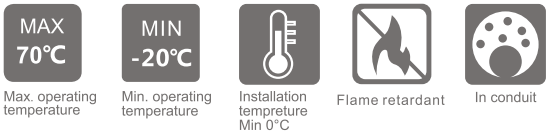
Fiber: Up to 4
Fiber Types: Single-mode or multimode
Cable Types: Drop cable for duct
Strength Member:(K)FRP or steel wire
Sheath Options: Inner LSZH sheath, outer PE sheath
Operating Temperature: -20℃~+70℃
Compliances:In accordance with IEC, ITU and EIA standards

Features

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

Application

Used in indoor/outdoor cabling;
Drop in duct.



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

Technical Specification

Cable type	Fiber Counts	Unit specification	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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.

Aerial/Duct Drop Cable

FTTX Drop Cable

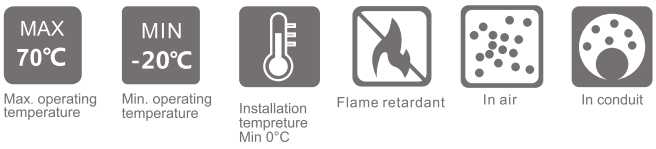
Fiber: Up to 24, Gel-filled
Fiber Types: Single-mode or multimode
Cable Types: Drop cable for aerial and duct
Strength Member: Parallel FRP
Sheath Options: Single PE sheath
Operating Temperature: -20℃~+70℃
Compliances:In accordance with IEC,
ITU and EIA standards

Features

- Excellent mechanical and environmental characteristics;
- Good compression resistance performance;
- Good water resistance performance;
- Outer sheath resists solar radiation;
- Gel-filled Loose tube protects the fiber well;

Application

Used in aerial and duct cabling.



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

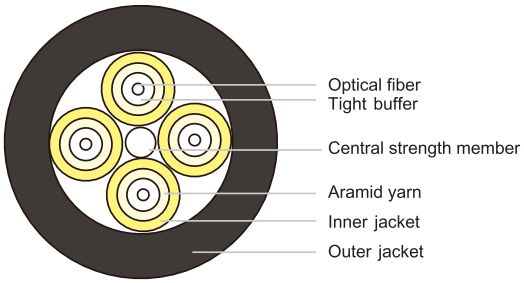
Technical Specification

Cable type	Fiber cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GYFXTCBY	1~12	6.6×3.6	700	350	2200	1000	30H	15H
GYFXTCBY	13~24	8.4×4.4	1200	600	2200	1000	30H	15H

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 A

FTTX Drop Cable



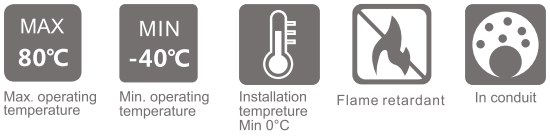
Fiber: Up to 4, tight buffered fiber"
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member:FRP and aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

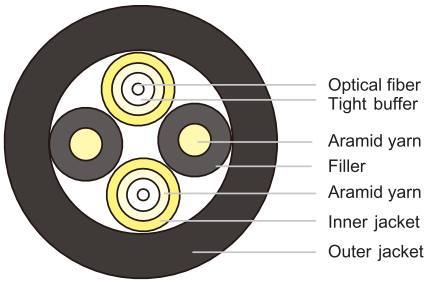
Technical Specification

Cable type	Maximum Counts	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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 B

FTTX Drop Cable



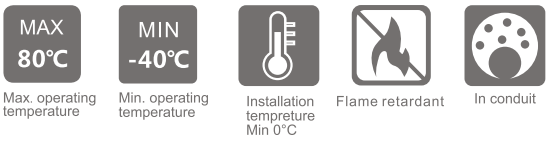
Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member:Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40℃~+80℃
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

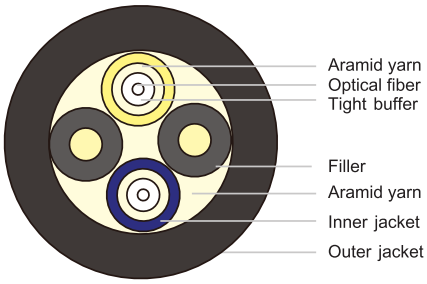
Technical Specification

Cable type	Maximum cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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 C

FTTX Drop Cable



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.

Application

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

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

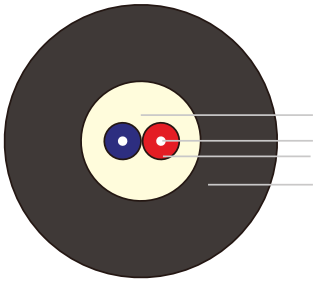
Technical Specification

Cable type	Maximum Counts	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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 D

FTTX Drop Cable



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℃~+80℃
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.

Application

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

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

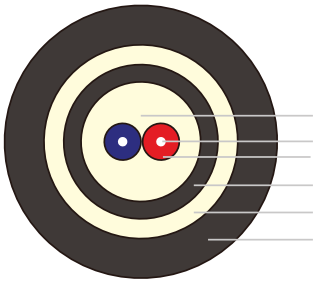
Technical Specification

Cable type	Maximum cores	Cable diameter	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GYFJZY	2	4.8	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 E

FTTX Drop Cable



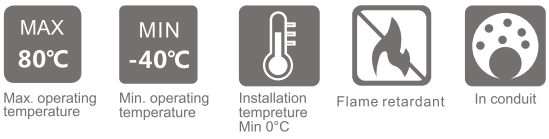
Fiber: Up to 2, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member:Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40℃~+80℃
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

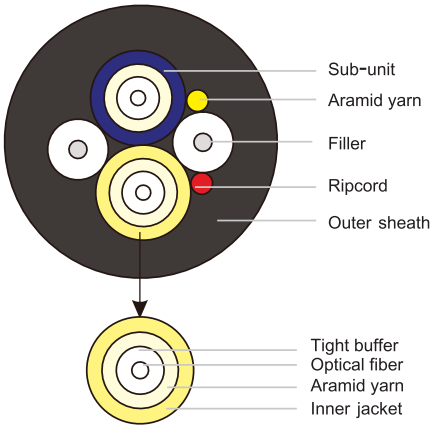
Technical Specification

Cable type	Maximum Counts	Central unit specification	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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 F

FTTX Drop Cable



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: -40℃~+80℃
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.

Application

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

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

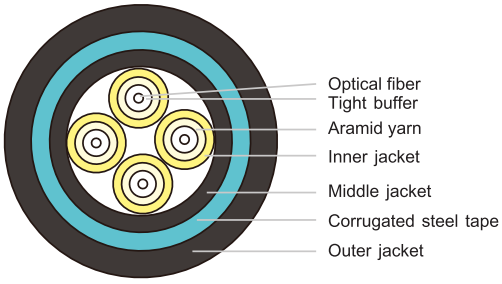
Technical Specification

Cable type	Maximum Counts	Unit specification	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GJBFJV	2	2.5	7.0	1000	400	7500	3000	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 G

FTTX Drop Cable



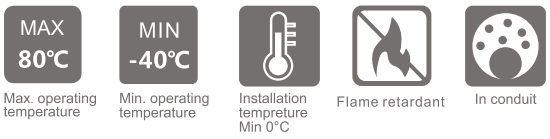
Fiber: Up to 4, tight buffered fiber
Fiber Types: Single-mode or multimode
Cable Types: Remote radio unit cable
Strength Member:Aramid yarn
Sheath Options: Double LSZH sheath
Operating Temperature: -40°C~+80°C
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

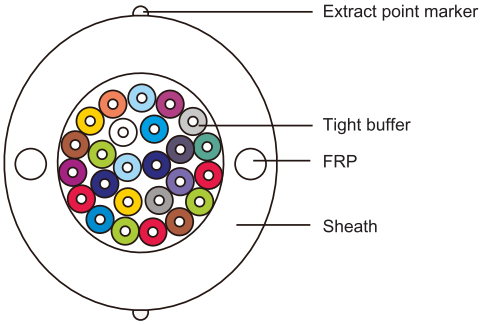
Technical Specification

Type	Fiber Counts	Unit specification	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GYJH53	1	2.0/7.0	10.5	800	400	2200	1000	20D	10D
GYJH53	2	2.0/7.0	10.5	800	400	2200	1000	20D	10D
GYJH53	4	2.0/7.0	10.5	800	400	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 A

Indoor Multifiber Riser Cable



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: -40℃~+70℃
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.

Application

Indoor horizontal and vertical cabling.

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

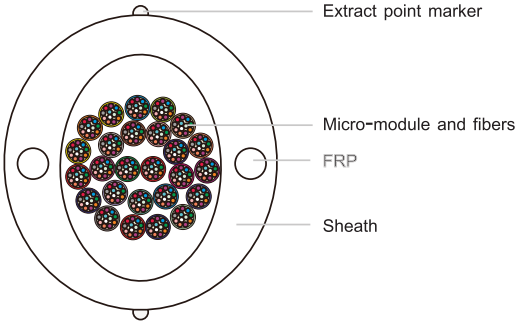
Technical Specification

Cable type	Fiber Counts	Cable specification	Strength member	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius Static
GJPFXJH	2	7.5	1.2	500	250	1000	500	20D	10D
GJPFXJH	4	7.5	1.2	500	250	1000	500	20D	10D
GJPFXJH	6	8.0	1.2	500	250	1000	500	20D	10D
GJPFXJH	8	8.0	1.2	500	250	1000	500	20D	10D
GJPFXJH	12	9.0	1.2	500	250	1000	500	20D	10D
GJPFXJH	16	10.5	1.2	500	250	1000	500	20D	10D
GJPFXJH	18	10.5	1.2	500	250	1000	500	20D	10D
GJPFXJH	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 B

Indoor Multifiber Riser Cable



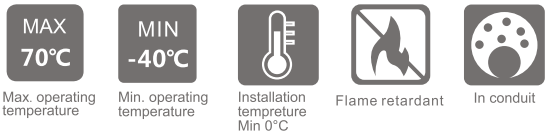
Fiber: Up to 288
Fiber Types: Single-mode or multimode
Cable Types: Multi-fiber riser cable
Strength Member: Parallel FRP
Sheath Options: Single LSZH sheath
Operating Temperature: -40°C~+70°C
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

Indoor horizontal and vertical cabling.



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

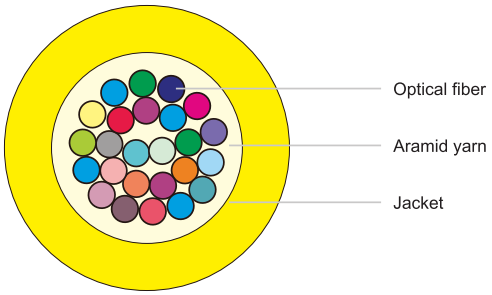
Technical Specification

Cable type	Fiber cores	Sub-unit			Cable diameter	Cable diameter	Tensile Strength		Crush Resistance		Minimum bend radius	
		Fiber counts	Unit count	Diameter			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 A

MPO Jumper Wire



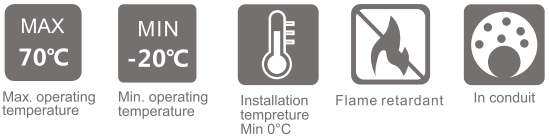
Fiber: Up to 24
Fiber Types: Single-mode or multimode
Cable Types: MPO cable
Strength Member:Aramid yarn
Sheath Options: Single LSZH/PVC sheath
Operating Temperature: -20℃~+70℃
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

Indoor cabling, as fan-out cable.



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

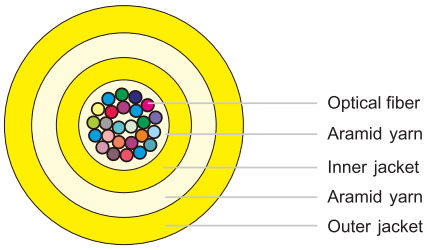
Technical Specification

Cable type	Fiber Counts	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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 B

MPO Jumper Wire



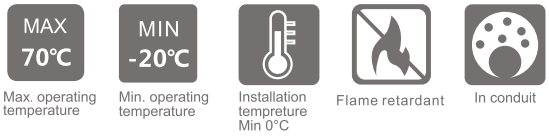
Fiber: Up to 24
Fiber Types: Single-mode or multimode
Cable Types: MPO cable
Strength Member:Aramid yarn
Sheath Options: LSZH/PVC
Operating Temperature: -20℃~+70℃
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

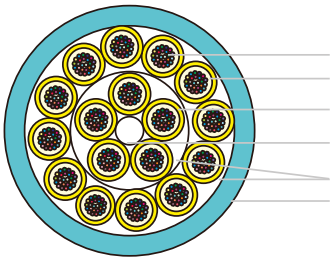
Technical Specification

Cable type	Fiber Counts	Central tube specification	Cable dimension	Tensile Strength Short term	Tensile Strength Long term	Crush Resistance Short term	Crush Resistance Long term	Minimum bend radius Dynamic	Minimum bend radius 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 C

MPO Jumper Wire



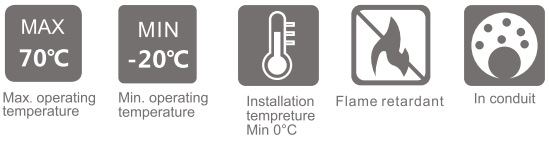
Fiber: Up to 288
Fiber Types: Single-mode or multimode
Cable Types: MPO cable
Strength Member:Aramid yarn
Sheath Options: LSZH/PVC
Operating Temperature: -20℃~+70℃
Compliances:In accordance with IEC, ITU and EIA standards

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.

Application

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



Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.657 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.4/0.3	0.4/0.3
Typical value	3.0/1.0	3.0/1.0	0.36/0.25	0.36/0.25

Technical Specification

Type	Fiber Counts	Sub-unit			Cable dimension	Tensile Strength		Crush Resistance		Minimum bend radius	
		Fiber counts	Unit counts	Diameter		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.