



FIBER OPTIC CABLE

Master Tec Wire & Cable Sdn Bhd

RM1299-A, Kawasan Perindustrian Rembia,
78000 Alor Gajah, Melaka.

06-3161 111

06-3162 888

sales@mastertec-wirecable.com

www.mastertec-wirecable.com

Master Tec Wire & Cable Sdn Bhd

Outdoor Fiber Optical Cable

The Duct and Non Self-Supporting Optical Cable Product

Applications:

The kind of cable is suitable for duct, non self-supporting aerial installation, groove, tunnels, leading in and cable trench, etc.

Characteristics:

Excellent water-blocking performance;
Excellent tensile and temperature performance .

Operating Temperature:

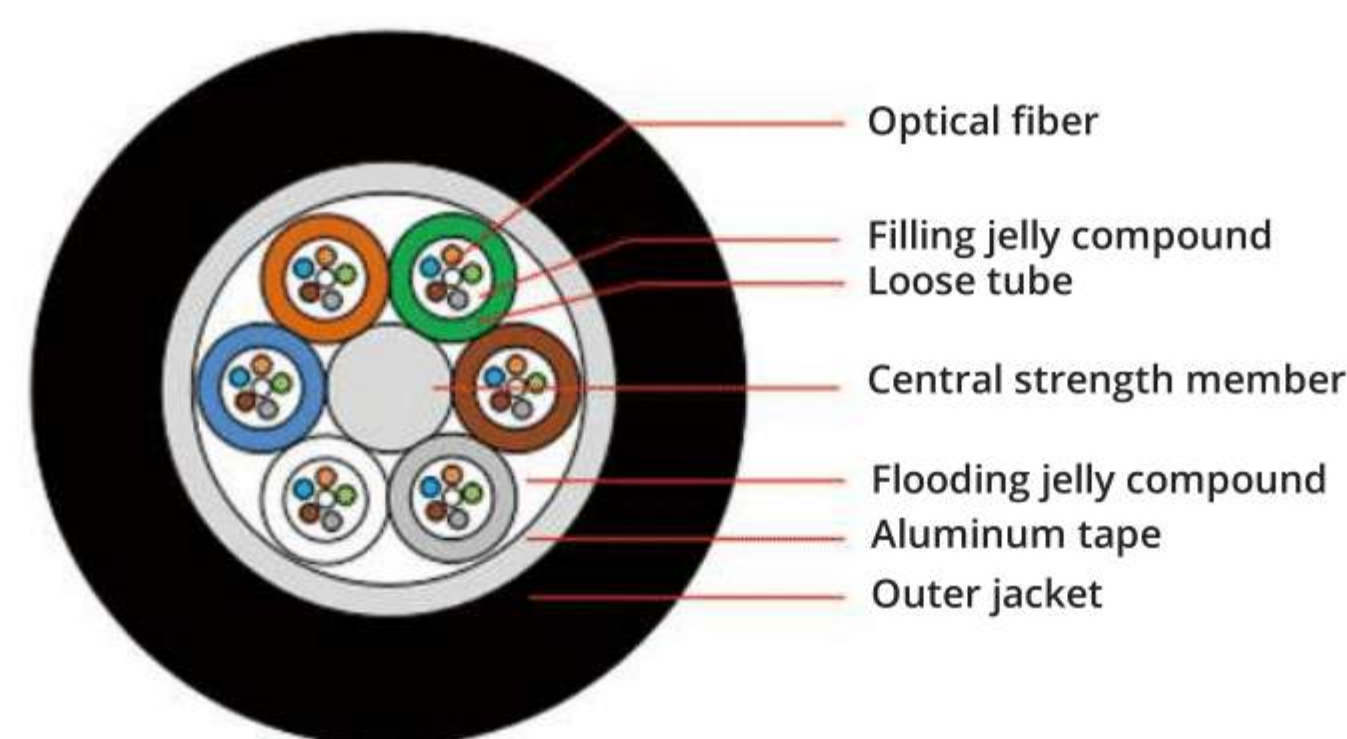
-40℃ ~ +70℃

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► GYTA



Product Description:

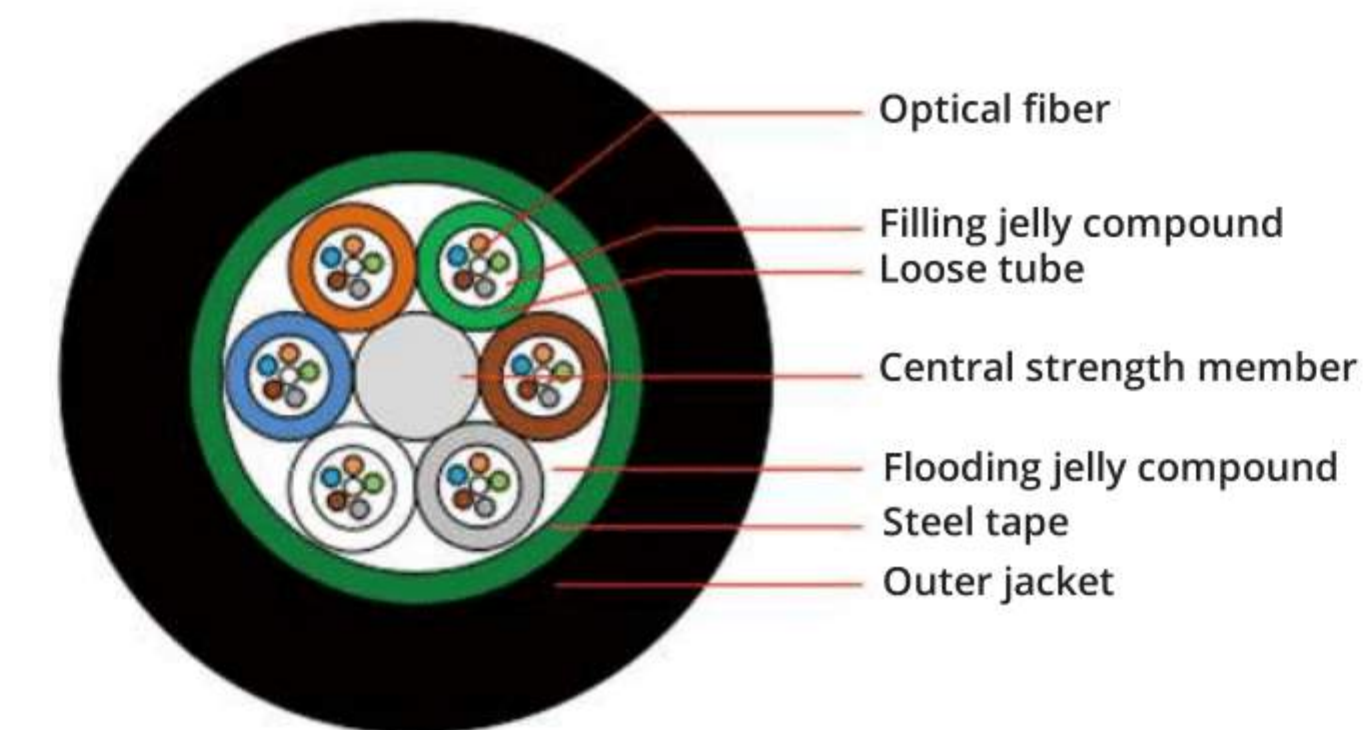
GYTA (Loose tube stranding, Metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+5	9.2	76	600	1500	300	1000	10D	20D
218-288	1+9+15	16.9	262	600	1500	300	1000	10D	20D

► GYTS



Product Description:

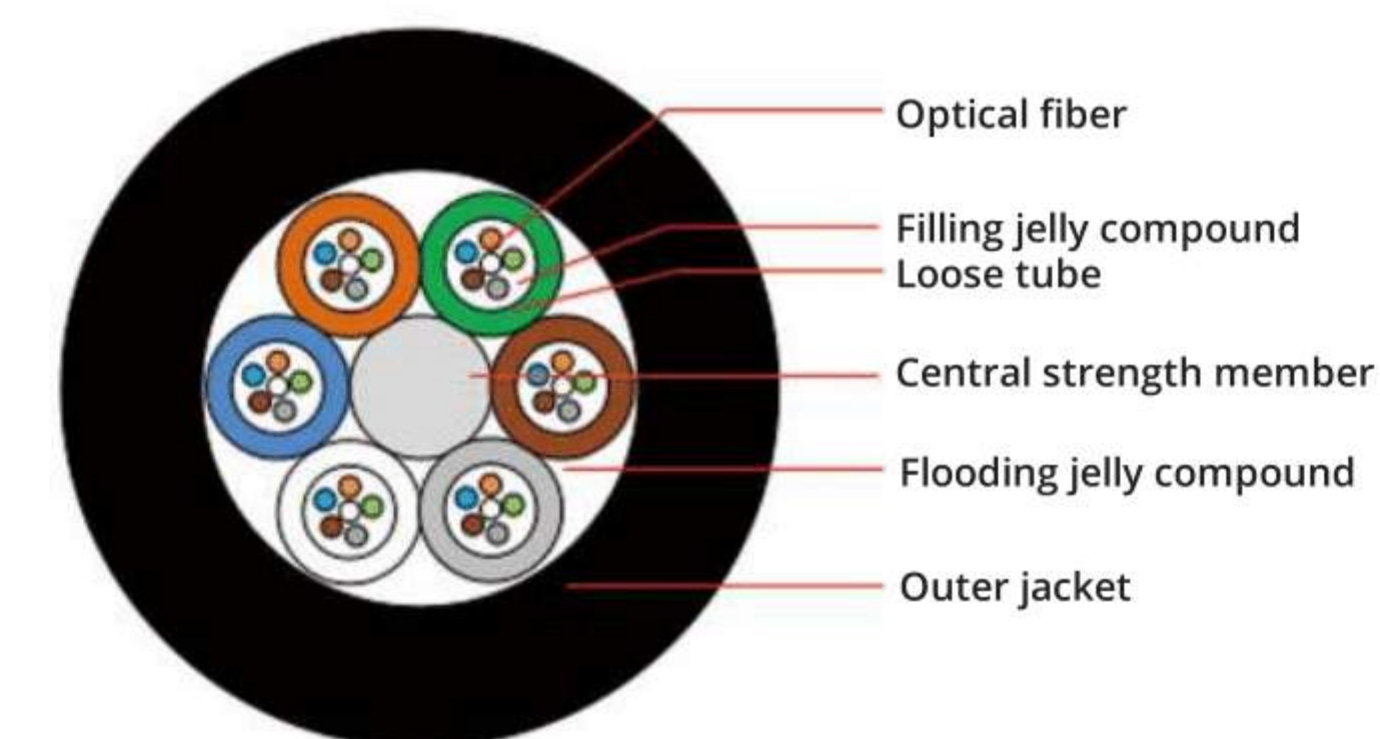
GYTS (Loose tube stranding, Metal strength member, Flooding jelly compound, Steel-polyethylene adhesive jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+5	9.2	88	600	1500	300	1000	10D	20D
218-288	1+9+15	16.9	289	600	1500	300	1000	10D	20D

► GYFTY



Product Description:

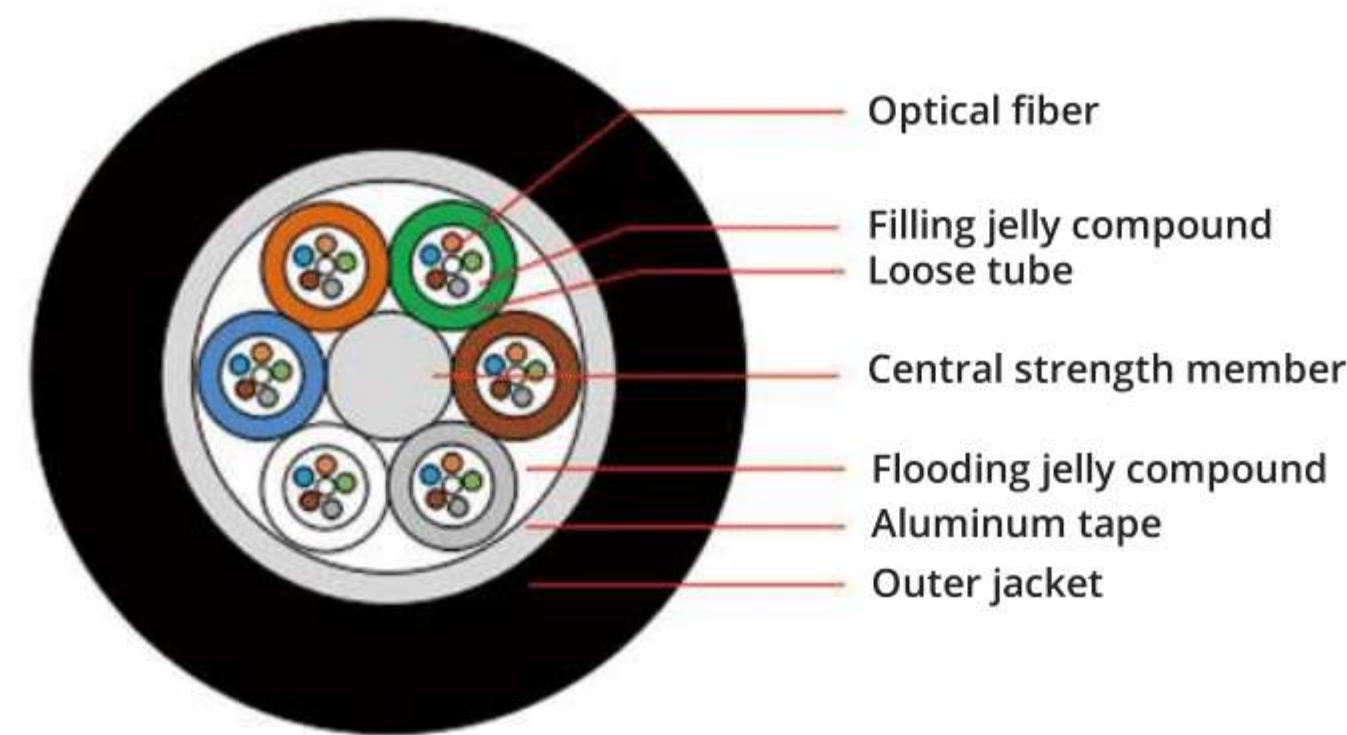
GYFTY (Loose tube stranding, Non-metal strength member, Flooding jelly compound, PE jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	9.2	72	600	1500	300	1000	10D	20D
134-144	1+12	14.4	177	600	1500	300	1000	10D	20D

► GYFTA



Product Description:

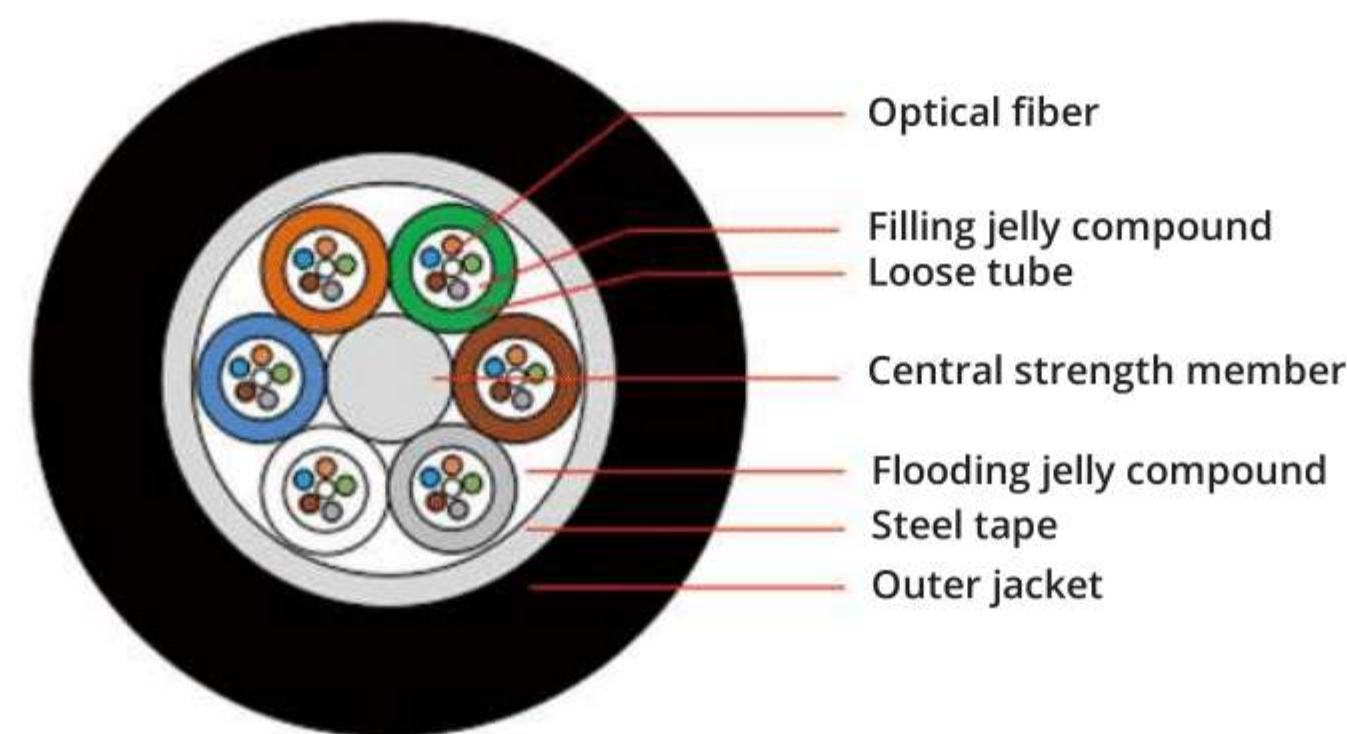
GYFTA (Loose tube stranding, Non-metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	10.2	85	600	1500	300	1000	10D	20D
134-144	1+12	15.7	203	600	1500	300	1000	10D	20D

► GYFTS



Product Description:

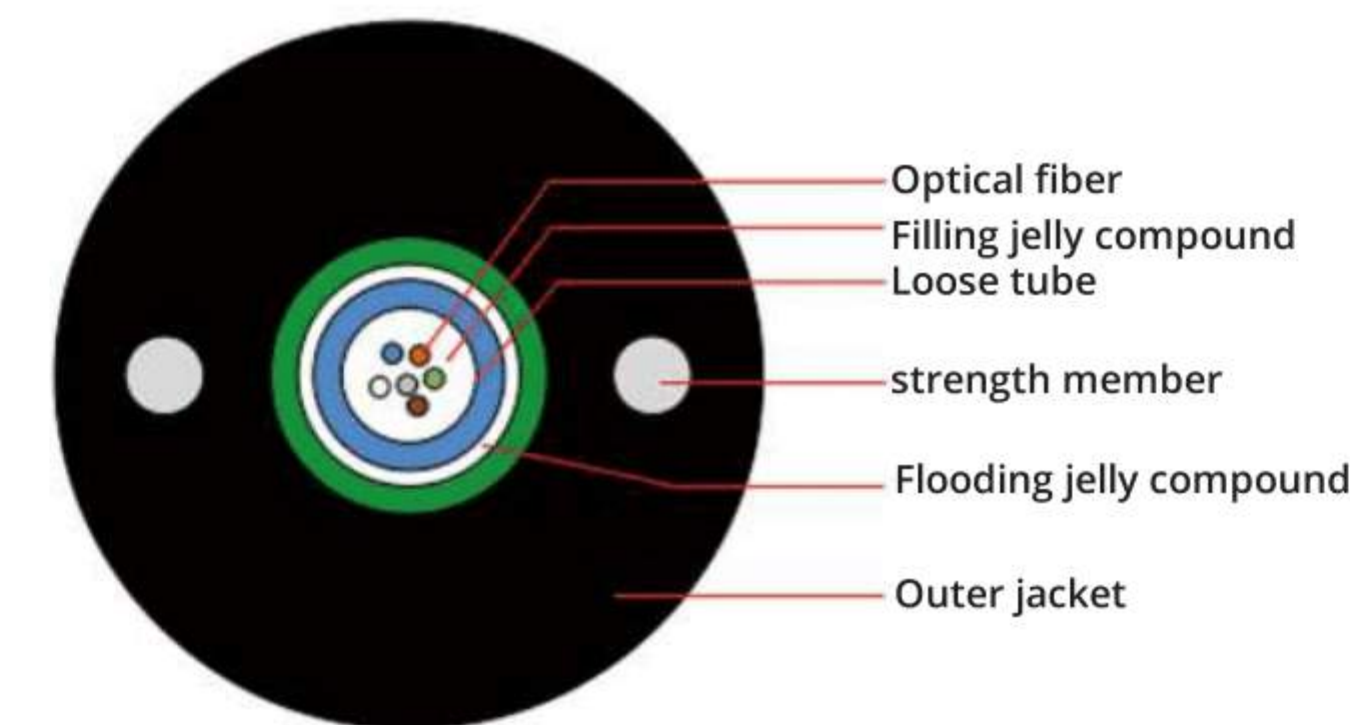
GYFTS (Loose tube stranding, Non-metal strength member, Flooding jelly compound, Steel-polyethylene adhesive jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	10.2	97	600	1500	300	1000	10D	20D
134-144	1+12	15.7	233	600	1500	300	1000	10D	20D

► GYXTW



Product Description:

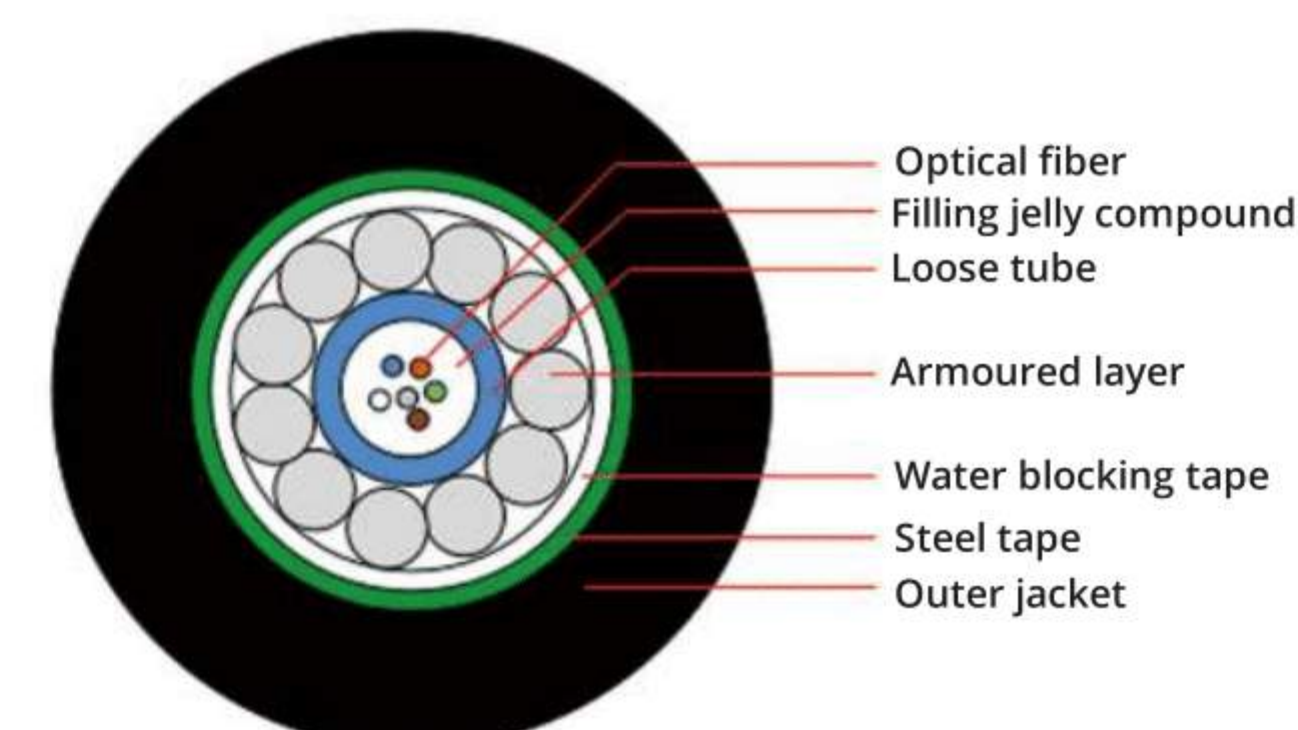
GYXTW (Structure with central tube, Metal strength member, Flooding jelly compound, PE jacket with steel wire)

Standards:

YD/T 769-2010 Outdoor central tube optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-12	Central tube	8.3	73	600	1500	300	1000	10D	20D
20-24	Central tube	8.9	81	600	1500	300	1000	10D	20D

► GYXS



Product Description:

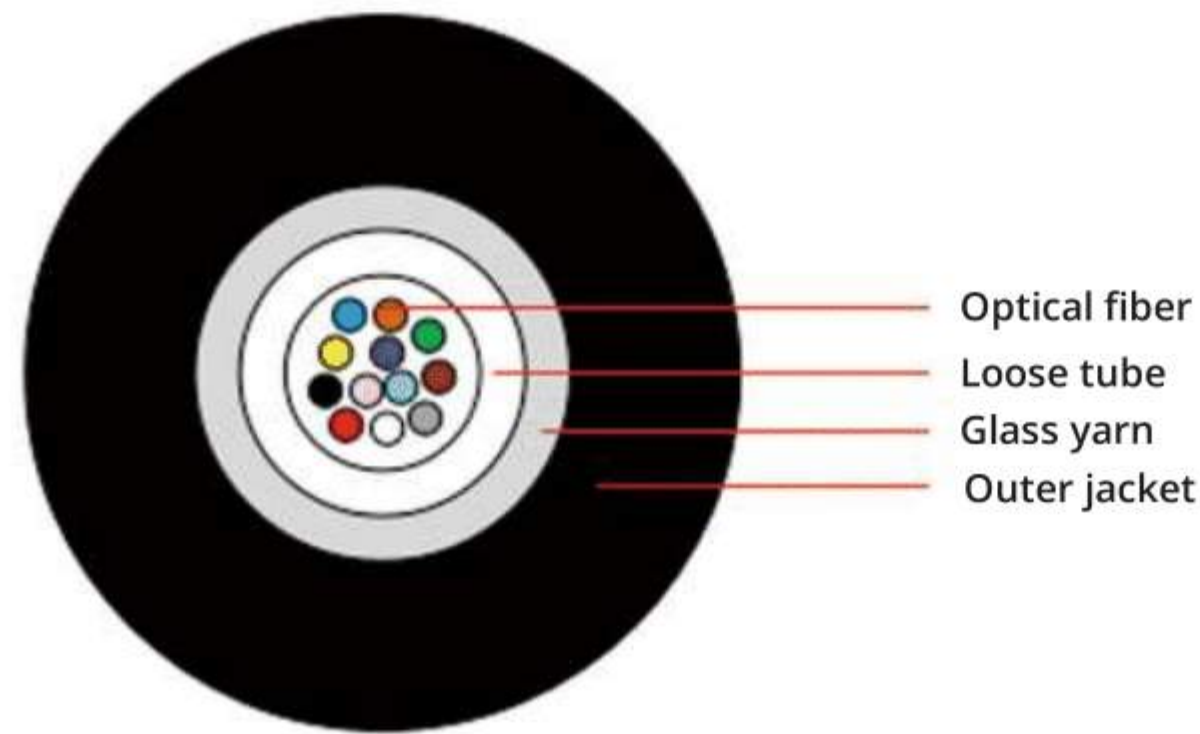
GYXS (Structure with central tube, Steel wire armoring, Steel-polyethylene adhesive jacket)

Standards:

YD/T 769-2010 Outdoor central tube optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-12	Central tube	9.4	128	600	1500	300	1000	10D	20D
20-24	Central tube	10.0	149	600	1500	300	1000	10D	20D

► GYFXY

**Product Description:**

GYFXY (Structure with central tube, Non-metal strength member, PE jacket)

Standards:

YD/T 769-2010 Outdoor central tube optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-12	Central tube	6.9	36.5	600	1500	300	1000	10D	20D
20-24	Central tube	7.2	40.1	600	1500	300	1000	10D	20D

The Armored Buried Optical Cable Product

Applications:

The kind of optical cable is suitable for buried installation.

Characteristics:

Excellent water-blocking performance;

Excellent lateral pressure resistance, mechanical and temperature performance.

Operating Temperature:

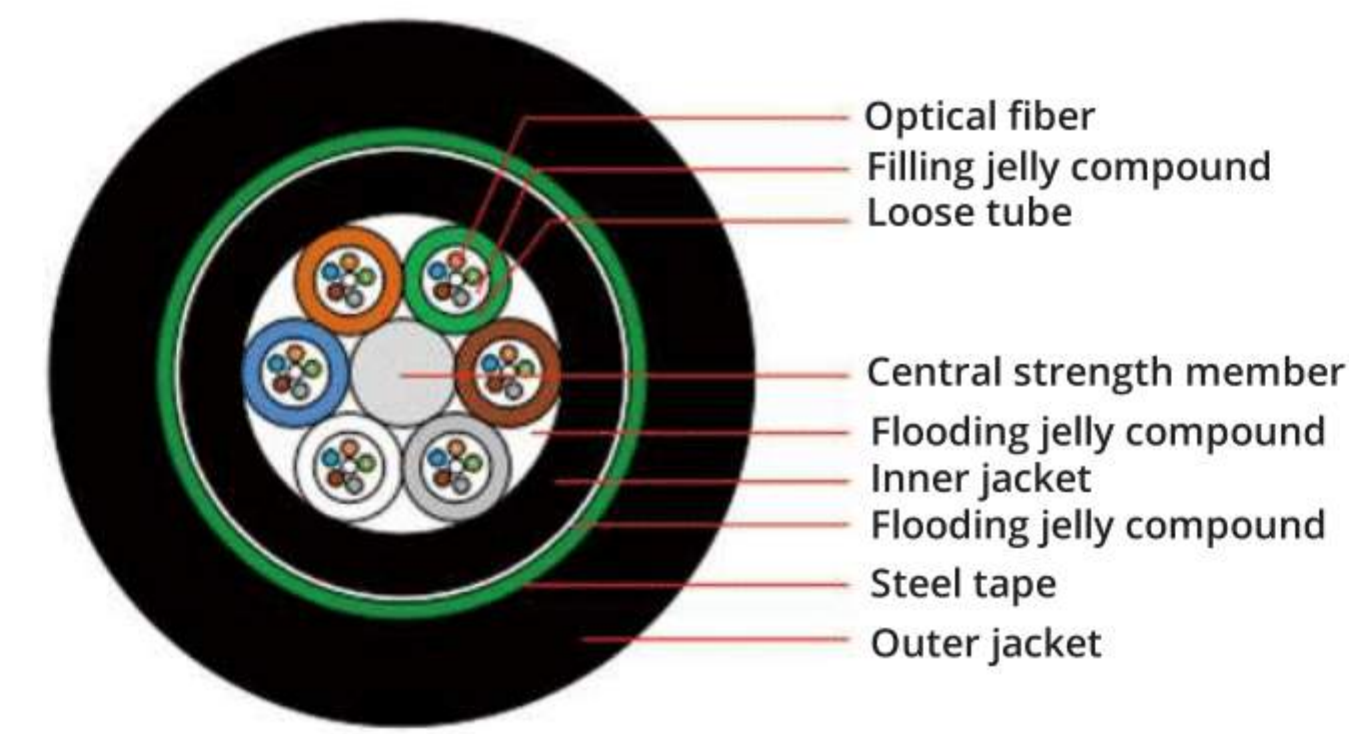
-40°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► GYTY53

**Product Description:**

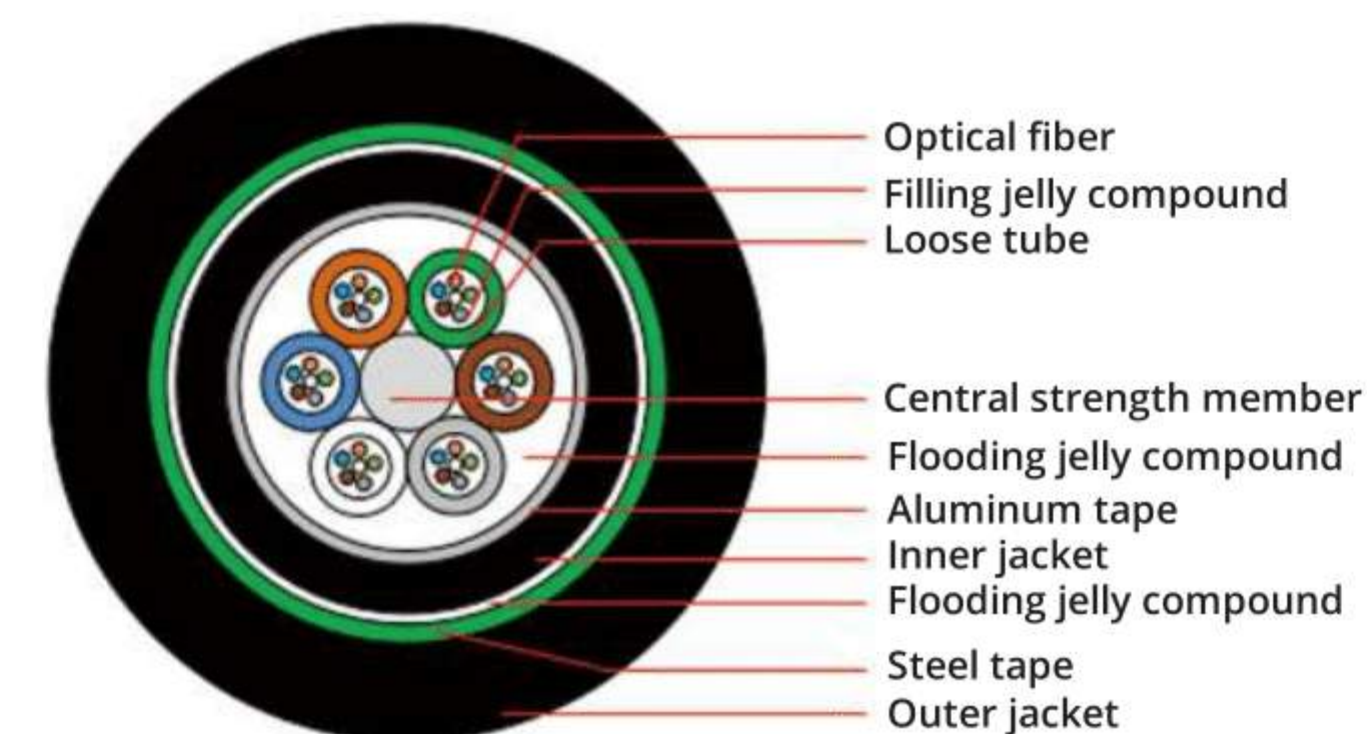
GYTY53 (Loose tube stranding, Metal strength member, Flooding jelly compound, PE inner jacket, Steel-polyethylene adhesive outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	11.6	140	1000	3000	1000	3000	12.5D	25D
218-288	1+9+15	18.6	341	1000	3000	1000	3000	12.5D	25D

► GYTA53

**Product Description:**

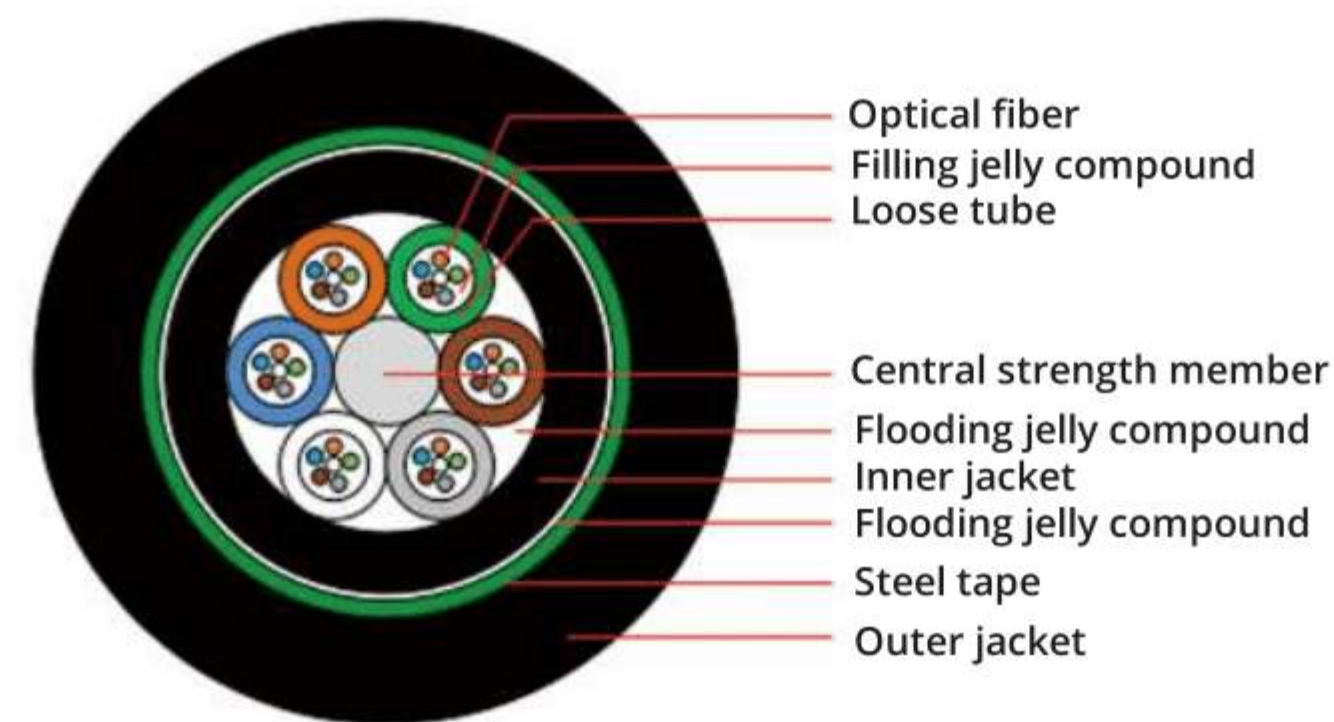
GYTA53 (Loose tube stranding, Metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive inner jacket, Steel-polyethylene adhesive outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	12.6	162	1000	3000	1000	3000	12.5D	25D
218-288	1+9+15	19.9	377	1000	3000	1000	3000	12.5D	25D

► GYFTY53



Product Description:

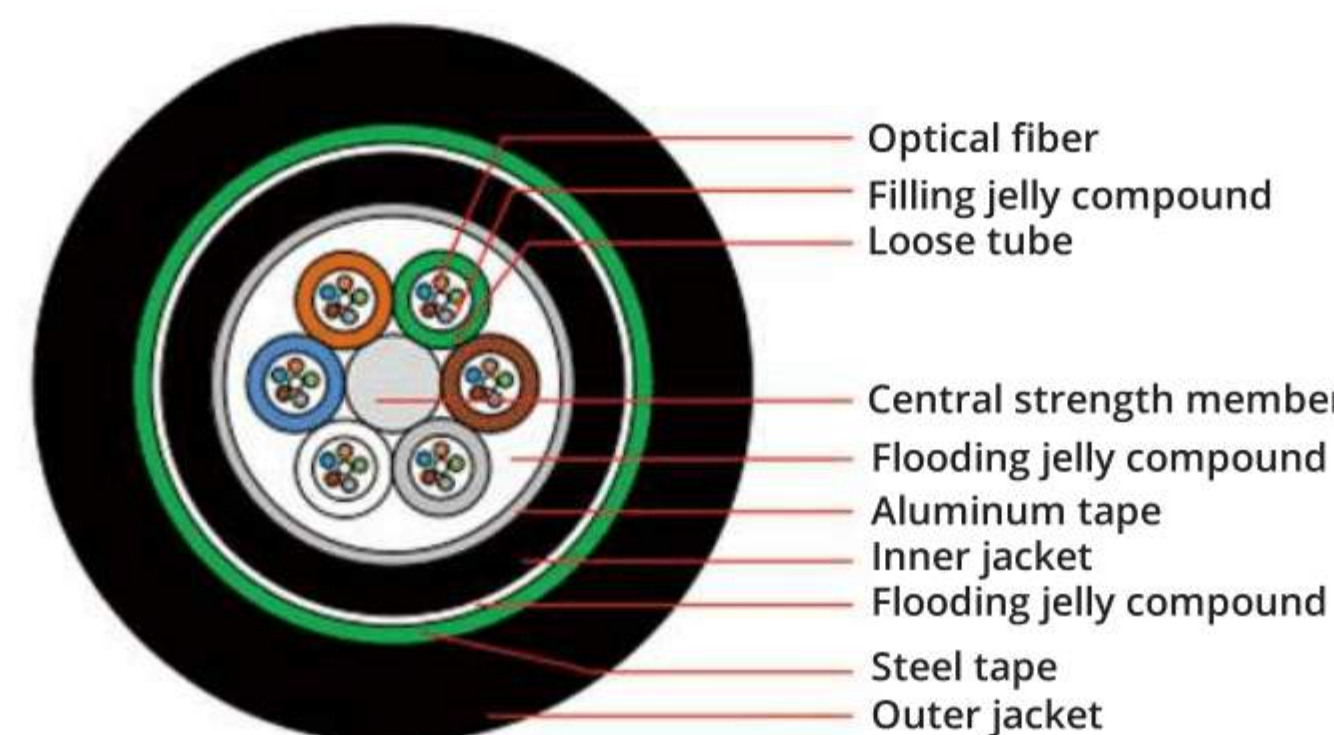
GYFTY53 (Loose tube stranding, Non-metal strength member, Flooding jelly compound, PE inner jacket, Steel-polyethylene adhesive outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	12.8	153	1000	3000	1000	3000	12.5D	25D
134-144	1+12	17.9	291	1000	3000	1000	3000	12.5D	25D

► GYFTA53



Product Description:

GYFTA53 (Loose tube stranding, Non-metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive inner jacket, Steel-polyethylene adhesive outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	13.8	176	1000	3000	1000	3000	12.5D	25D
134-144	1+12	19.2	326	1000	3000	1000	3000	12.5D	25D

Steel Wire Armored Optical Cable Product

Applications:

The kind of optical cable is suitable for offshore, water bottom and climbing installation.

Characteristics:

Excellent water-blocking performance;

Good temperature performance;

Excellent lateral pressure resistance, mechanical and temperature performance.

Operating Temperature:

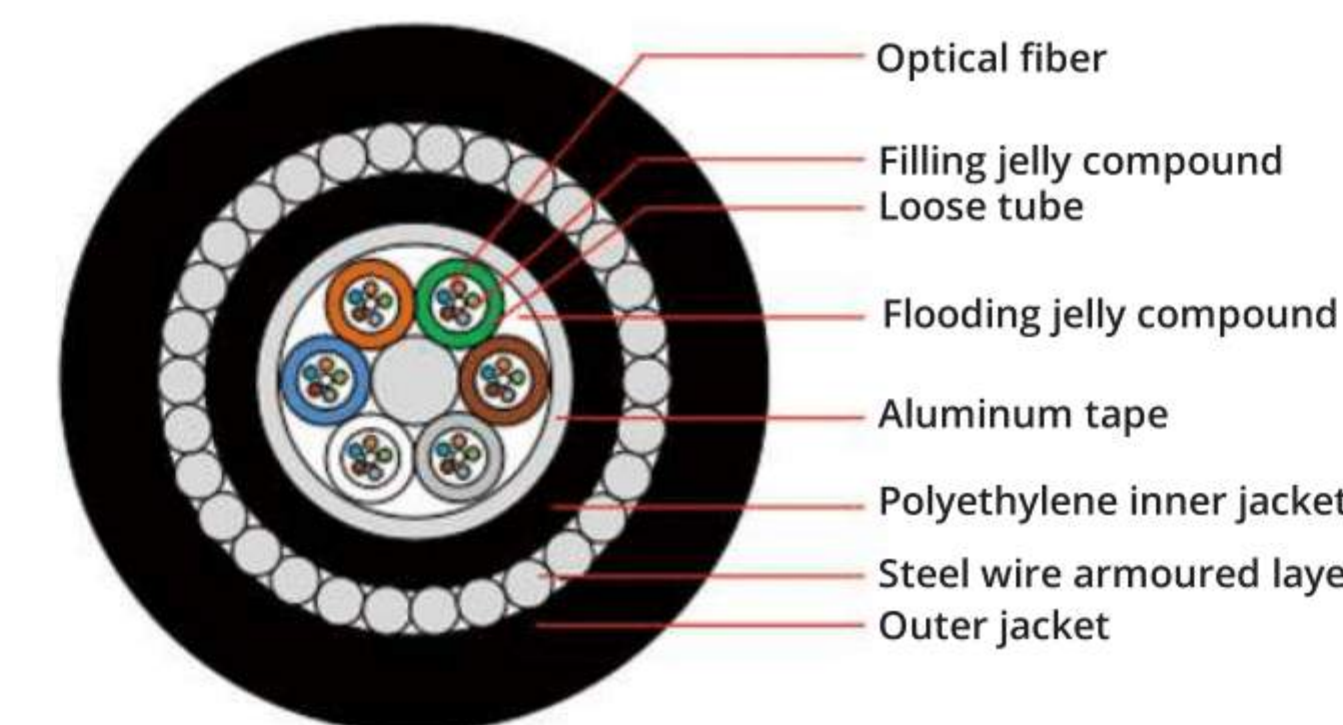
-40°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► GYTA33



Product Description:

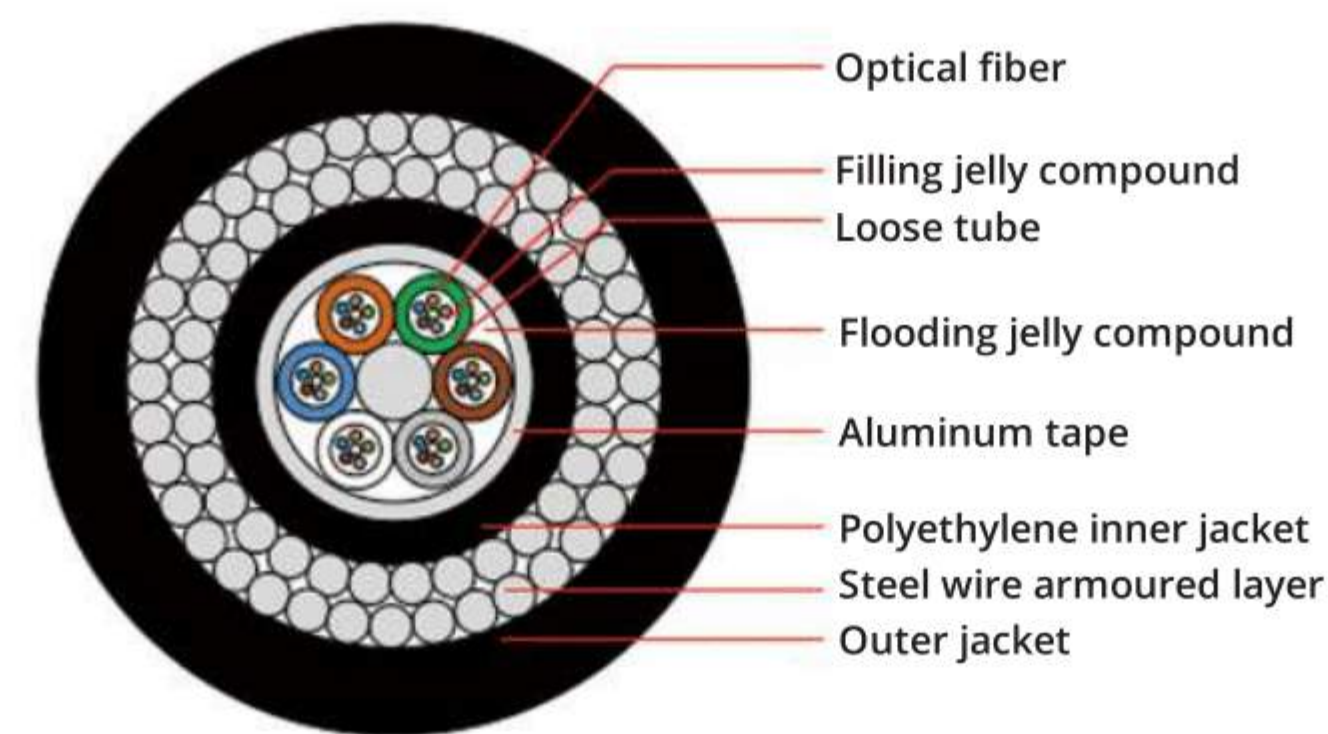
GYTA33 (Loose tube stranding, Metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive inner jacket, Single steel wire armoring, PE outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+5	12.8	268	4000	10000	3000	5000	12.5D	25D
218-288	1+9+15	20.5	600	4000	10000	3000	5000	12.5D	25D

► GYTA333

**Product Description:**

GYTA333 (Loose tube stranding, Metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive inner jacket, double smaller round steel wire armoring, PE outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+5	14. 6	462	20000	40000	4000	6000	15D	30D
218-288	1+9+15	22. 3	932	20000	40000	4000	6000	15D	30D

All Dielectric Strengthen Optical Cable Product

Applications:

The kind of cable is suitable for duct, aerial and buried installation;

The kind of cable is suitable for area with lightning strike.

Characteristics:

Excellent water-blocking performance;

Excellent lateral pressure resistance, mechanical and temperature performance;

Excellent electromagnetic interference resistance.

Operating Temperature:

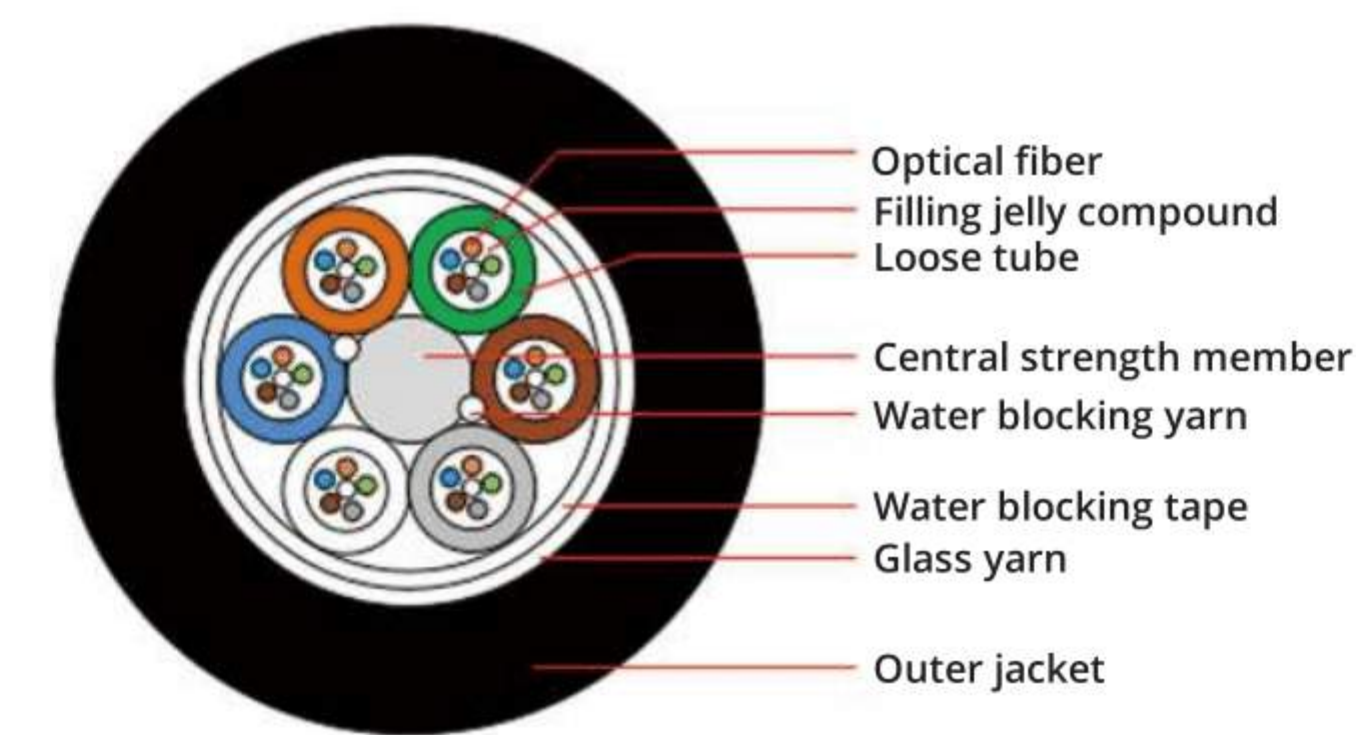
-40°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3. 5/1. 5	3. 5/1. 5	0. 36/0. 22	0. 22/0. 26
Attenuation Of Typical Value(dB/km)	3. 5/1. 5	3. 0/1. 0	0. 35/0. 21	0. 21/0. 24

Note: Other types of fiber can be provided according to the customer's demands.

► GYFY

**Product Description:**

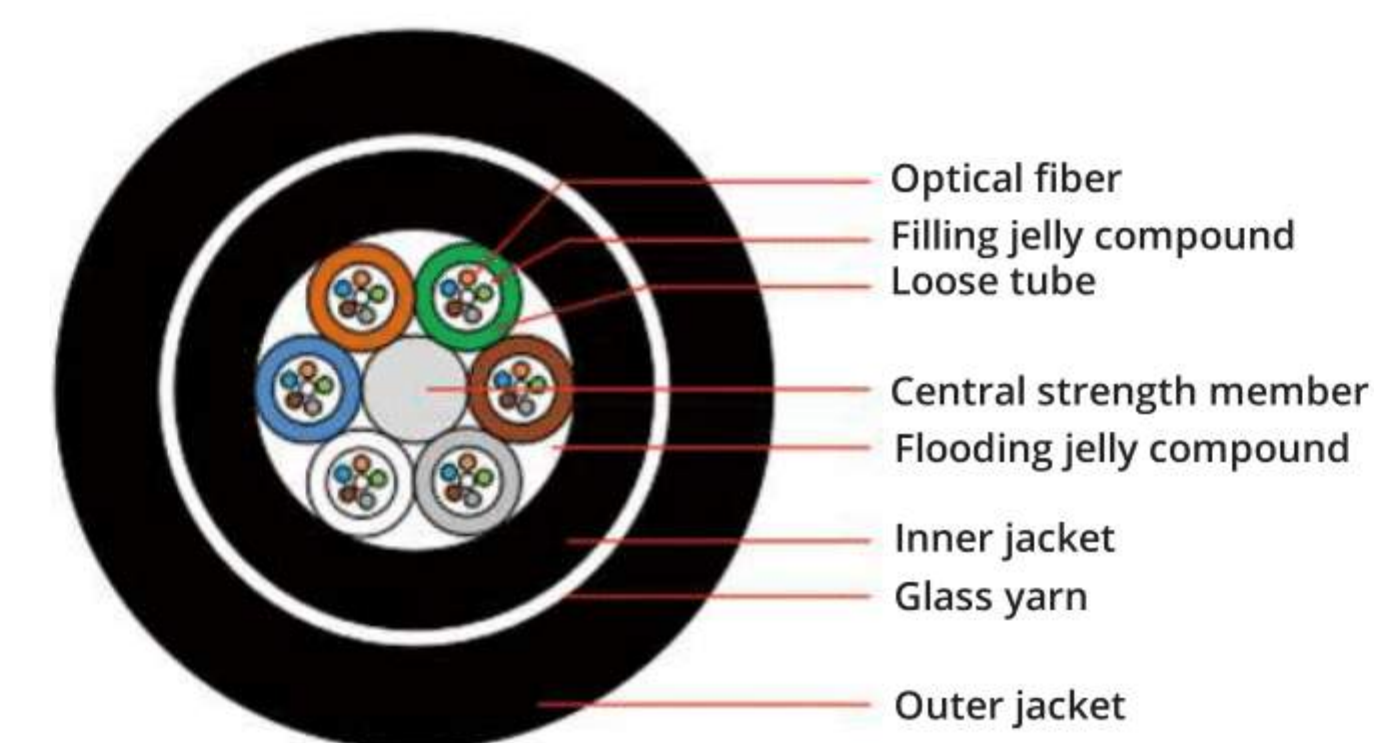
GYFY (Loose tube stranding, Non-metal strength member, Half dry water-blocking, Glass yarn strength member, PE outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	10. 7	90	1000	3000	300	1000	10D	20D
134-144	1+12	15. 7	193	1000	3000	300	1000	10D	20D

► GYFTY73

**Product Description:**

GYFTY73 (Loose tube stranding, Non-metal strength member, Flooding jelly compound, PE inner jacket, Glass yarn strength member, PE outer jacket)

Standards:

YD/T 901-2009 Outdoor layer stranded optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	11. 9	118	1000	3000	1000	3000	12. 5D	25D
134-144	1+12	16. 9	241	1000	3000	1000	3000	12. 5D	25D

All Dielectric Self-Supporting Aerial Cable (ADSS) Product

Applications:

The kind of cable is suitable for electric field and self-supporting aerial.

Characteristics:

Excellent water-blocking performance;

Excellent lateral pressure resistance, mechanical and temperature performance;

Excellent electromagnetic interference resistance.

Operating Temperature:

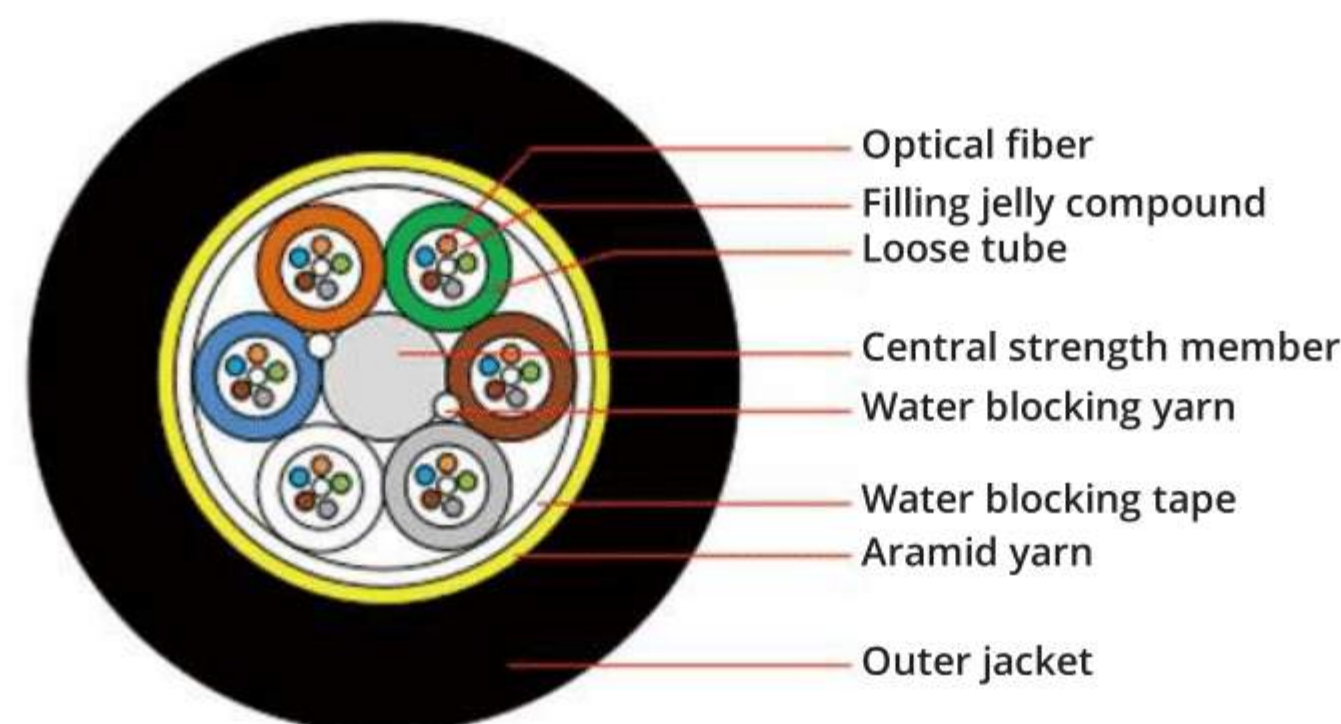
-40°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► Single Protector ADSS



Product Description:

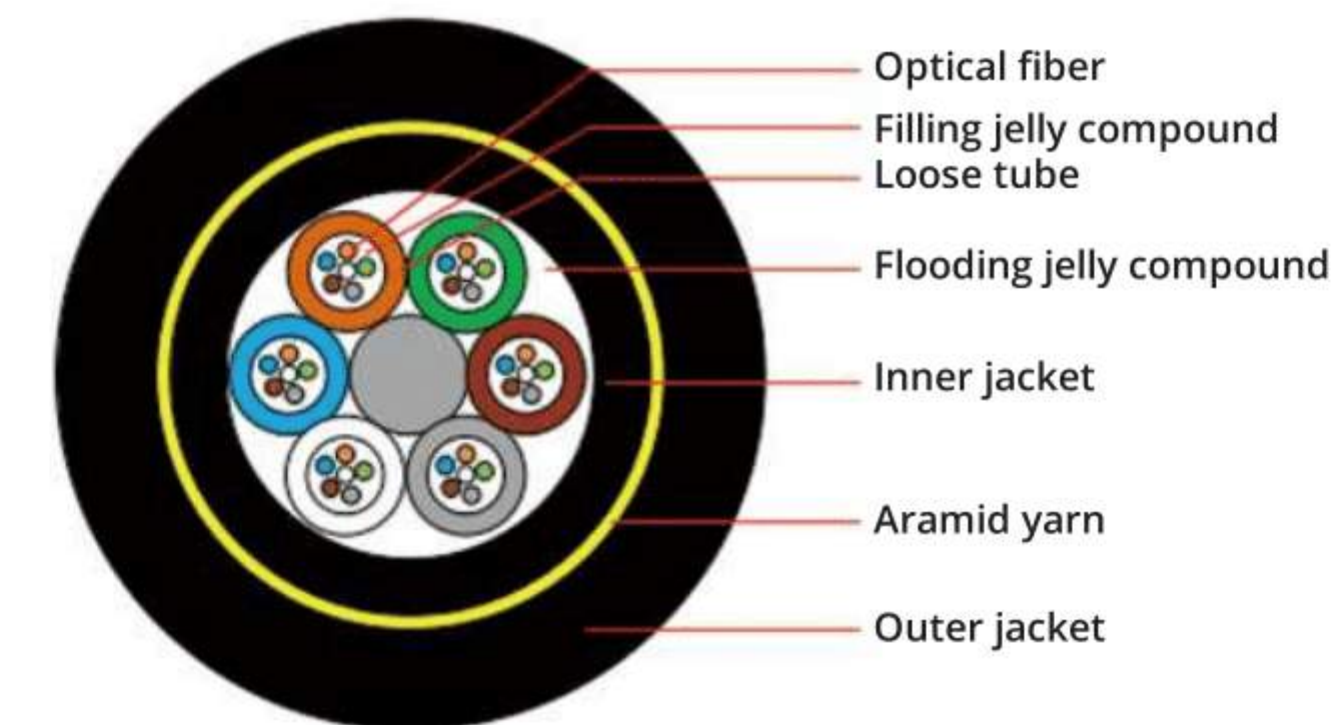
Single protector ADSS (Loose tube stranding, Non-metal strength member, Half dry water-blocking, Aramid yarn strength member, PE outer jacket)

Standards:

GB/T18899-2002 All dielectric self-supporting optical cable

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Working Tension (Max) (KN)	Nominal Tensile Strength (KN)	Crush(N)		Bending Radius(mm)	
						Long term	Short term	Static	Dynamic
2-30	1+6	10.3	82	2.5	7.5	300	1000	10D	20D
134-144	1+12	15.2	174	2.5	7.5	300	1000	10D	20D

► Double Protector ADSS



Product Description:

Double protector ADSS (Loose tube stranding, Non-metal strength member, Flooding jelly compound, PE inner jacket, Aramid yarn strength member, PE outer jacket)

Standards:

GB/T18899-2002 All dielectric self-supporting optical cable

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Working Tension (Max) (KN)	Nominal Tensile Strength (KN)	Crush(N)		Bending Radius(mm)	
						Long term	Short term	Static	Dynamic
2-30	1+6	11.9	117	4.0	15	1000	3000	12.5D	25D
134-144	1+12	16.7	229	4.0	15	1000	3000	12.5D	25D

Optical Fiber Ribbon Cable Product

Applications:

The kind of cable is suitable for metropolitan area network especially the main cabling in the loop;

The kind of cable is suitable for duct and non self-supporting aerial installation.

Characteristics:

High concentration of the fibers;

Excellent water-blocking performance;

Excellent lateral pressure resistance, mechanical and temperature performance.

Operating Temperature:

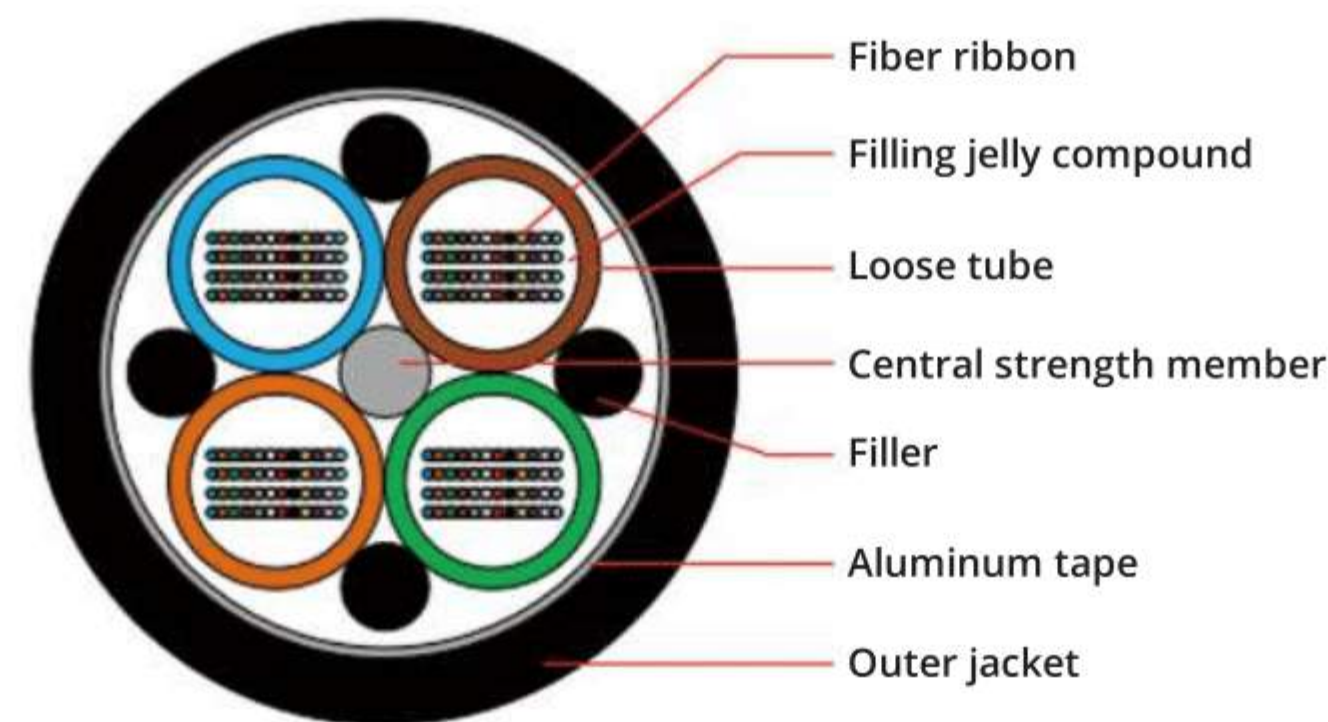
-40°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► GYDTA



Product Description:

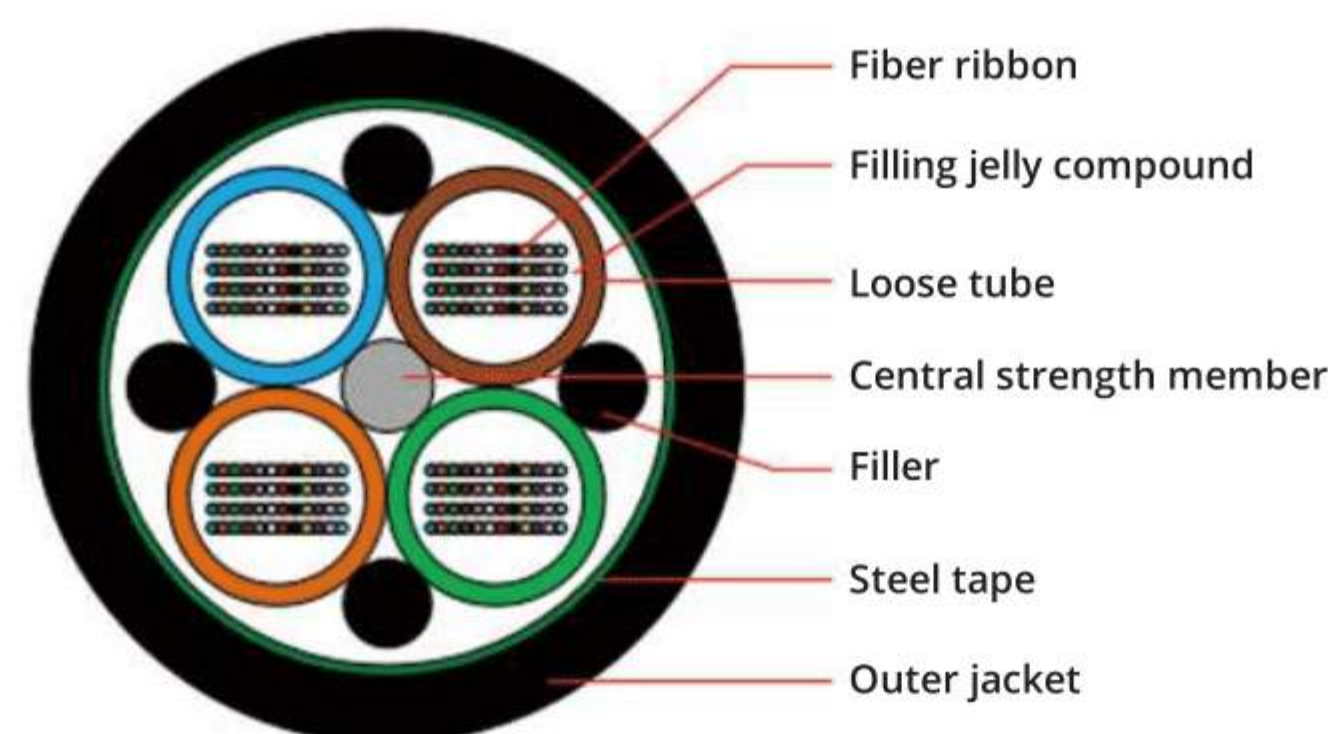
GYDTA (Optical fiber ribbon, Loose tube strand-ing, Metal strength member, Flooding jelly com-pound, Aluminum-polyethylene adhesive jacket)

Standards:

YD/T 981. 3-2009 Optical fiber ribbon cable for access network

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
48-144	1+4	17. 2	250	600	1500	300	1000	10D	20D
444-576	1+4	22. 8	442	600	1500	300	1000	10D	20D

► GYDTS



Product Description:

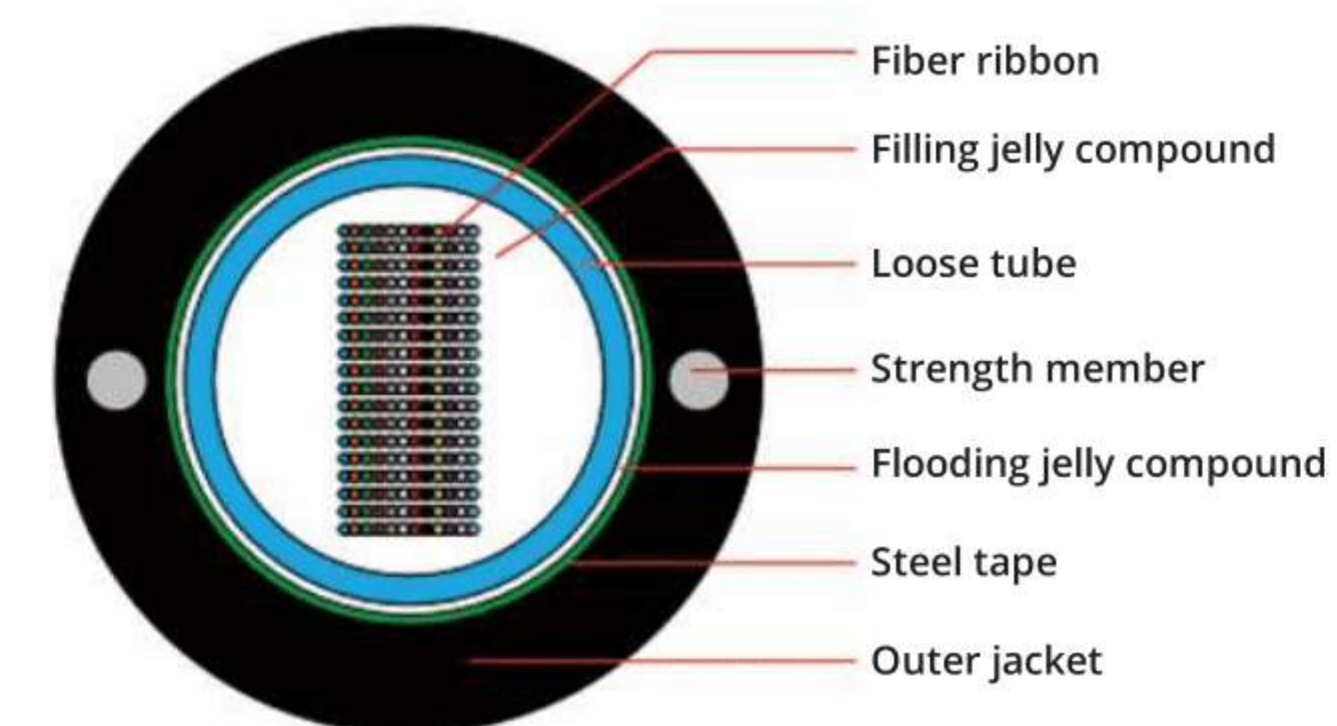
GYDTS (Optical fiber ribbon, Loose tube strand-ing, Metal strength member, Flooding jelly com-pound, Steel-polyethylene adhesive jacket)

Standards:

YD/T 981. 3-2009 Optical fiber ribbon cable for access network

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
48-144	1+4	17. 2	276	600	1500	300	1000	10D	20D
434-576	1+4	22. 8	478	600	1500	300	1000	10D	20D

► GYDXTW



Product Description:

GYDXTW (Optical fiber ribbon, Central tube structure, Flooding jelly compound, Steel-poly-ethylene adhesive jacket)

Standards:

YD/T 981. 2-2009 Optical fiber ribbon cable for access network

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
48	Central tube	13. 5	171	600	1500	300	1000	10D	20D
288	Central tube	19. 2	335	600	1500	300	1000	10D	20D

Self-Supporting Optical Cable Product

Applications:

The kind of cable is suitable for duct and self-supporting aerial installation.

Characteristics:

Excellent water-blocking performance;

Excellent lateral pressure resistance, mechanical and temperature performance;

The figure 8 structure with messenger wire is convenient for installation.

Operating Temperature:

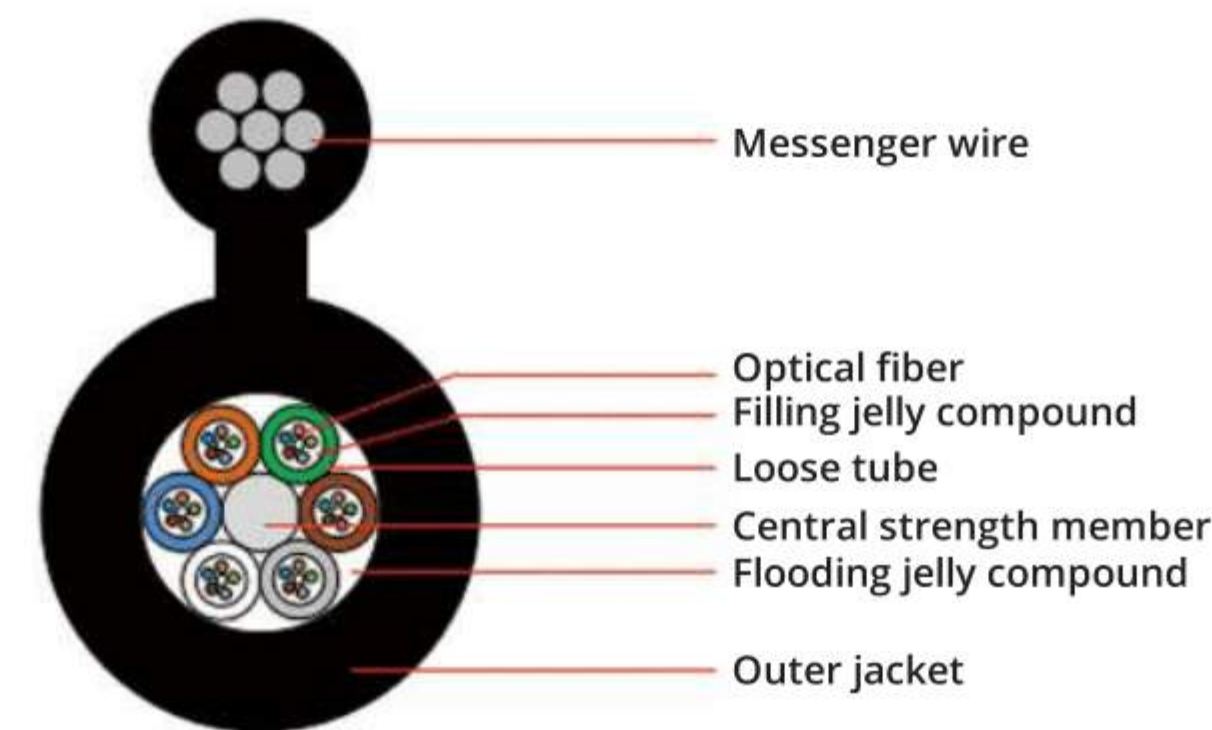
-40°C ~ +70°C

Transmission Performance

Item	62. 5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3. 5/1. 5	3. 5/1. 5	0. 36/0. 22	0. 22/0. 26
Attenuation Of Typical Value(dB/km)	3. 5/1. 5	3. 0/1. 0	0. 35/0. 21	0. 21/0. 24

Note: Other types of fiber can be provided according to the customer's demands.

► GYTC8Y

**Product Description:**

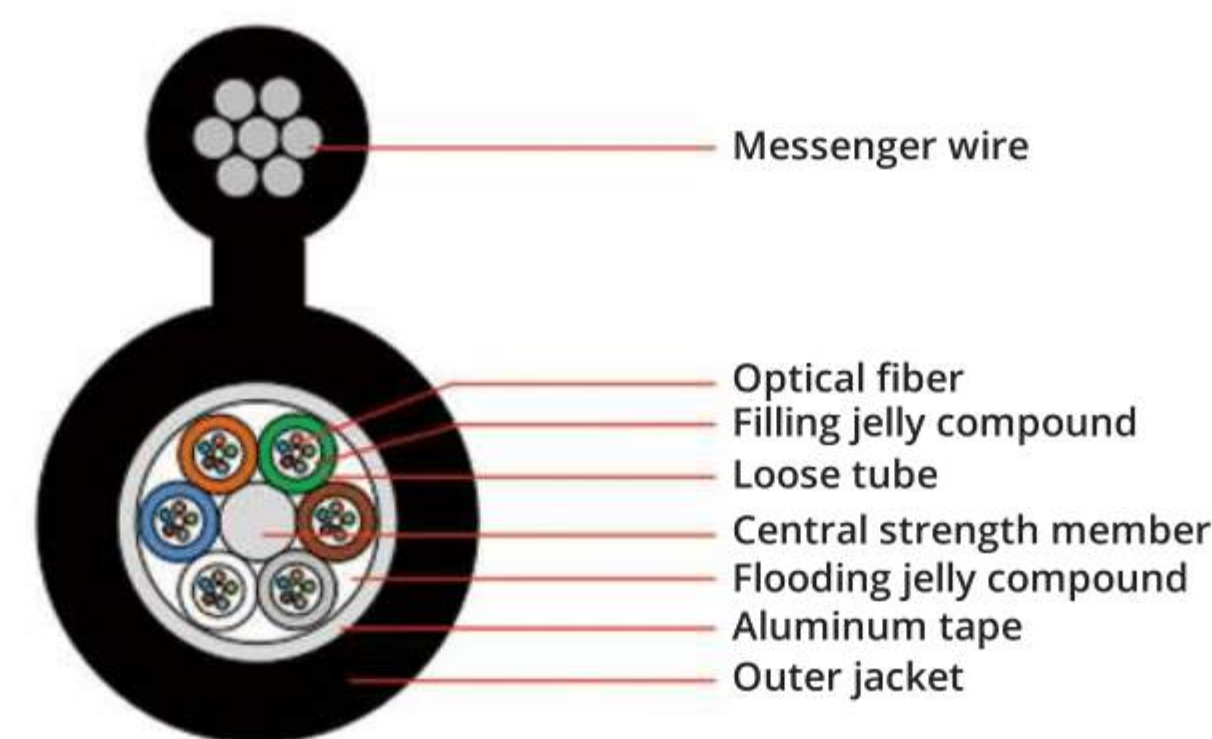
GYTC8Y (Loose tube stranding, Metal strength member, Flooding jelly compound, PE jacket, Figure 8)

Standards:

YD/T 1155-2011 Figure 8 self-supporting optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+5	8. 2×15. 1	126	1500	5000	300	1000	10D	20D
134-144	1+12	13. 5×20. 4	231	1500	5000	300	1000	10D	20D

► GYTC8A

**Product Description:**

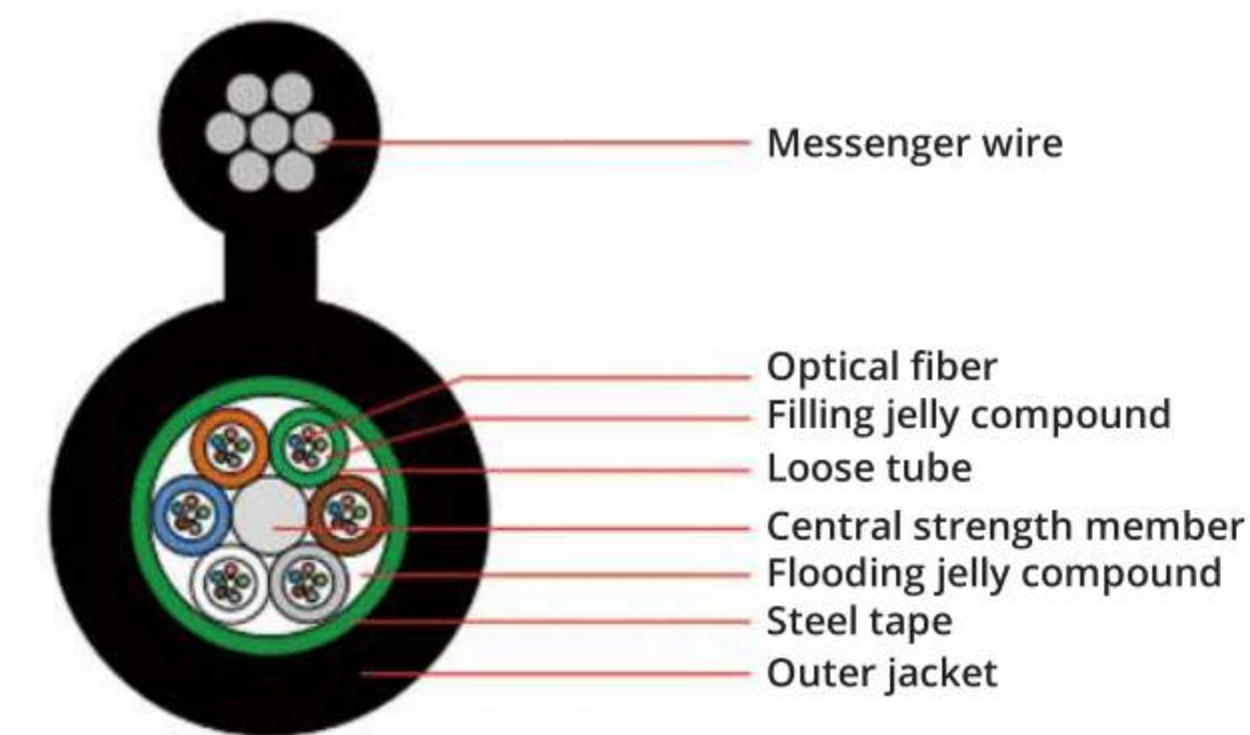
GYTC8A (Loose tube stranding, Metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive jacket, Figure 8)

Standards:

YD/T 1155-2011 Figure 8 self-supporting optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+5	9. 2×16. 1	139	1500	5000	300	1000	10D	20D
134-144	1+12	14. 8×21. 7	256	1500	5000	300	1000	10D	20D

► GYTC8S

**Product Description:**

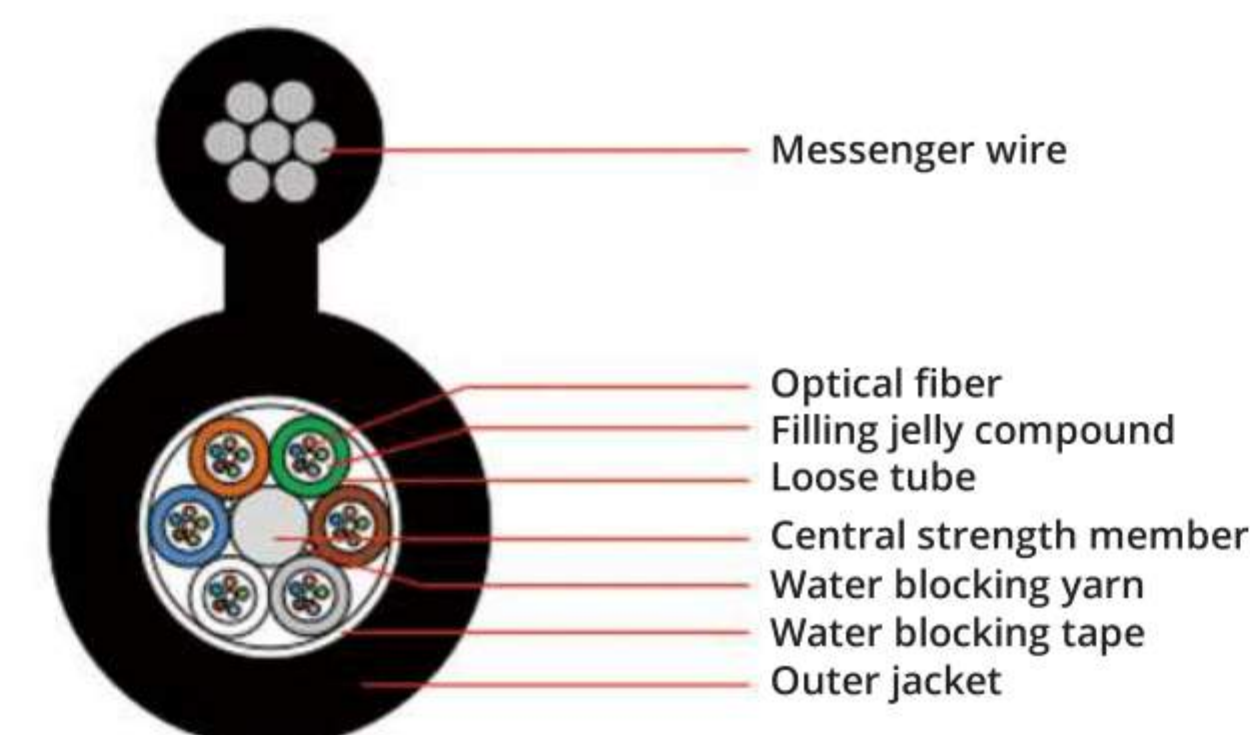
GYTC8S (Loose tube stranding, Metal strength member, Flooding jelly compound, Steel-polyethylene adhesive jacket, Figure 8)

Standards:

YD/T 1155-2011 Figure 8 self-supporting optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+5	9. 2×16. 1	150	1500	5000	300	1000	10D	20D
134-144	1+12	14. 8×21. 7	279	1500	5000	300	1000	10D	20D

► GYFC8Y

**Product Description:**

GYFC8Y (Loose tube stranding, Non-metal strength member, Half dry water-blocking, PE jacket, Figure 8)

Standards:

YD/T 1155-2011 Figure 8 self-supporting optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	9. 3×16. 0	126	1500	4500	300	1000	10D	20D
134-144	1+12	14. 0×20. 7	208	1500	4500	300	1000	10D	20D

Light Self-Supporting Optical Cable Product

Applications:

The kind of cable is suitable for duct and self-supporting aerial installation.

Characteristics:

Excellent water-blocking performance;

Excellent lateral pressure resistance, mechanical and temperature performance;

The Figure 8 structure optical cable is light and convenient.

Operating Temperature:

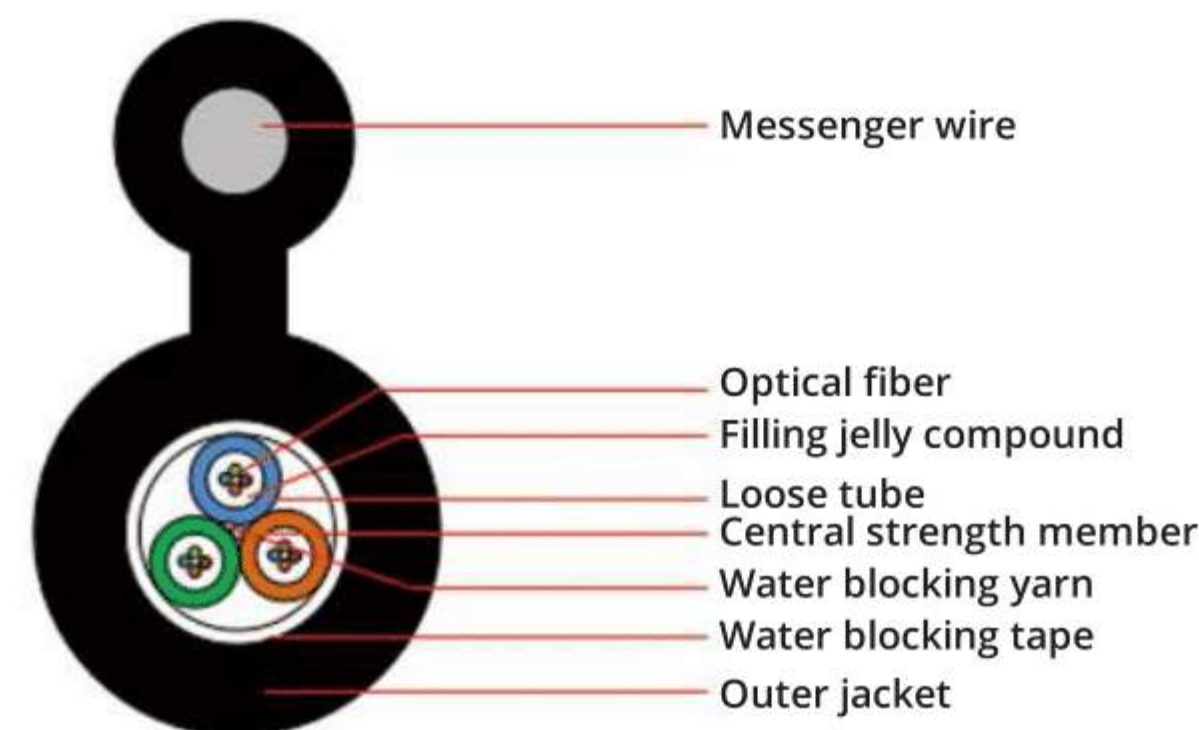
-20°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► GYFC8Y



Product Description:

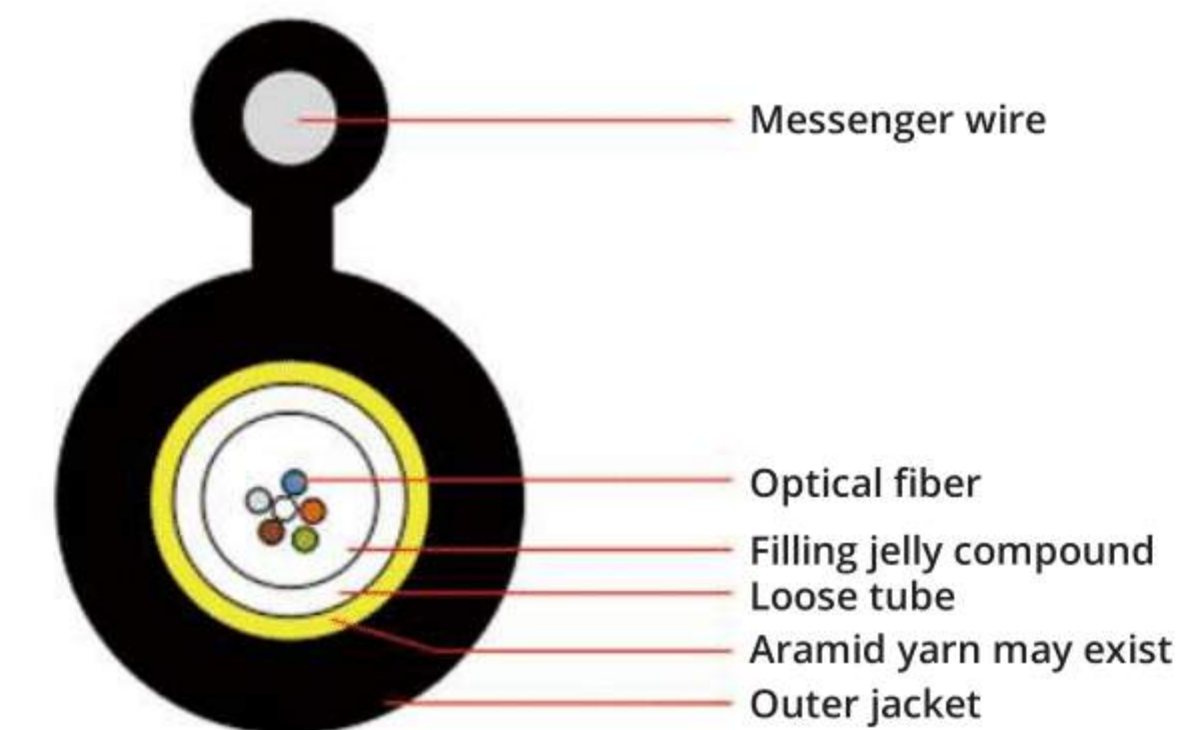
GYFC8Y (Loose tube stranding, Non-metal strength member, Half dry water-blocking, PE jacket, Figure 8)

Standards:

YD/T 1155-2011 Figure 8 self-supporting optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-12	1+3	8.5×13.0	78	600	1200	300	1000	10D	20D

► GYXC8Y



Product Description:

GYXC8Y (Central tube structure, PE jacket, Figure 8)

Standards:

YD/T 1155-2011 Figure 8 self-supporting optical cable for telecommunications

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Long term	Short term
2-12	Central tube	4.8×7.2	27.7	300	600	200	500	10D	20D

Jetnet Optical Cable Product

Applications:

The kind of cable is suitable for the installation of air-blowing.

Characteristics:

Lighter and small diameter;

Excellent bending performance;

Excellent lateral pressure resistance, mechanical and temperature performance.

Operating Temperature:

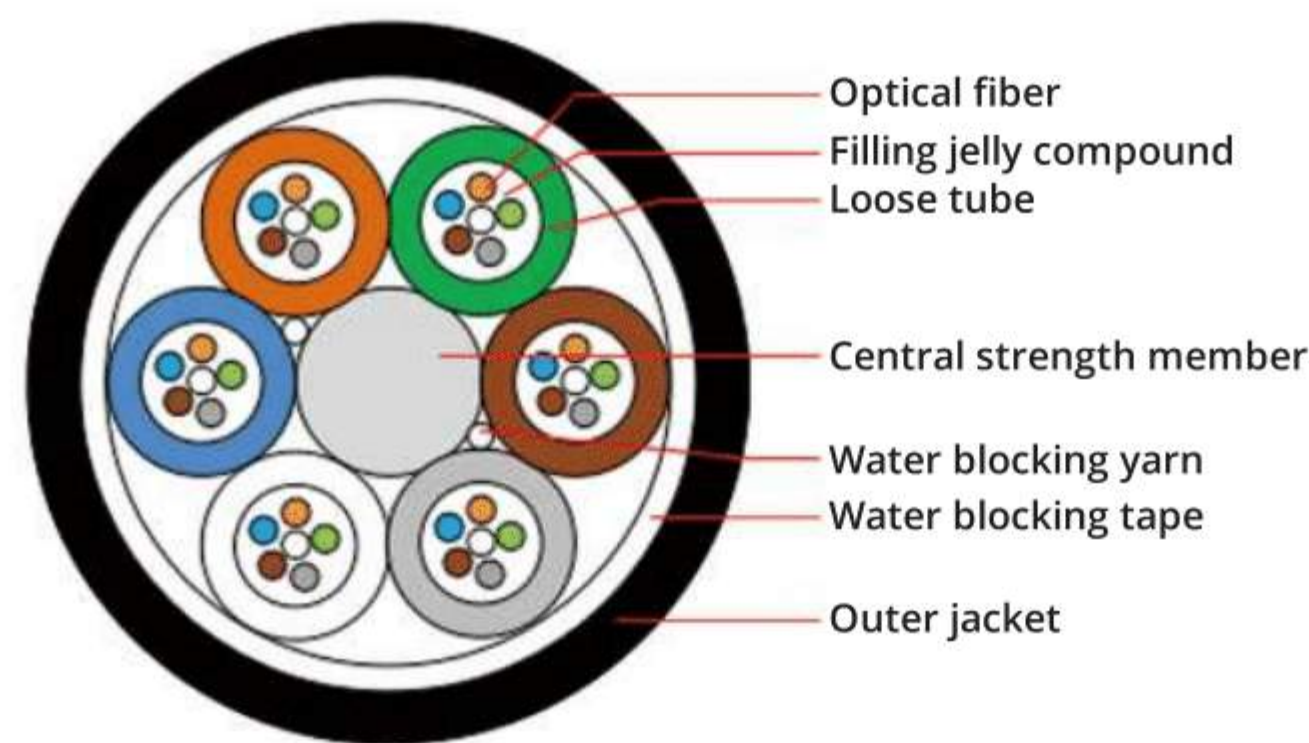
-40°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► GCFYF

**Product Description:**

GCFYF(Loose tube stranding, Tiny tube, Dry water-blocking , PE jacket)

Standards:

YD/T 1460-2006 Jetnet optical cable for telecommunications and fiber unit

Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2-30	1+6	6.6	34	0.15G	0.5G	150	450	10D	20D
134-144	1+12	9.9	82	0.15G	0.5G	150	450	10D	20D

Opto Electric Composite Cable for Telecommunications

Applications:

The kind of cable is suitable for remote dc power supply system and the place to get electricity difficultly. The kind of cable can solve the problem of communication equipment and power supply in mobile communication network and FTTH.

Characteristics:

At the same time realize optical and electricity communications ;
Excellent lateral pressure resistance, mechanical and temperature performance.

Operating Temperature:

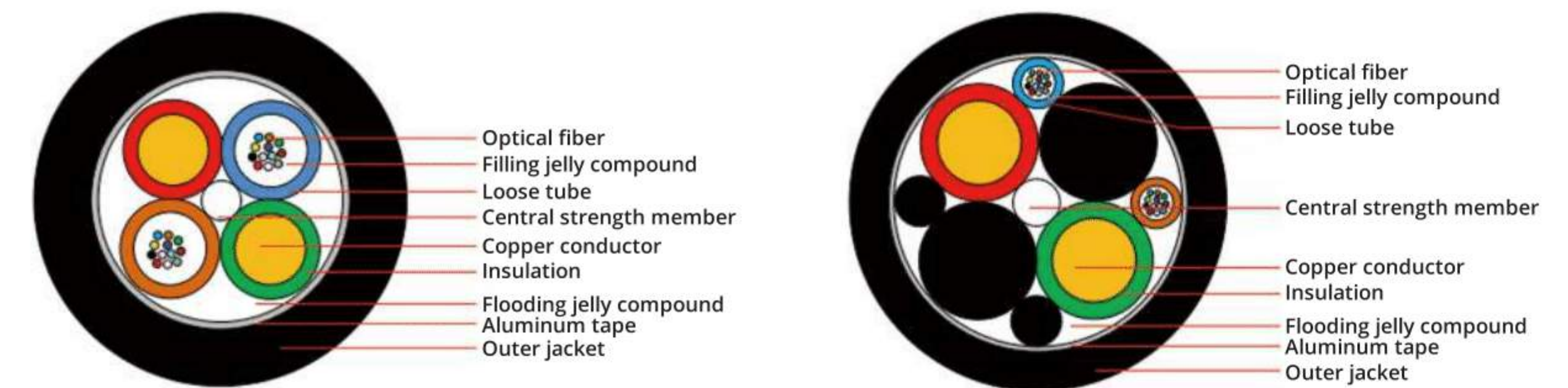
-40℃ ~ +70℃

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	G. 652 1310nm/1550nm	G. 655 1550nm/1625nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Note: Other types of fiber can be provided according to the customer's demands.

► GDTA

**Product Description:**

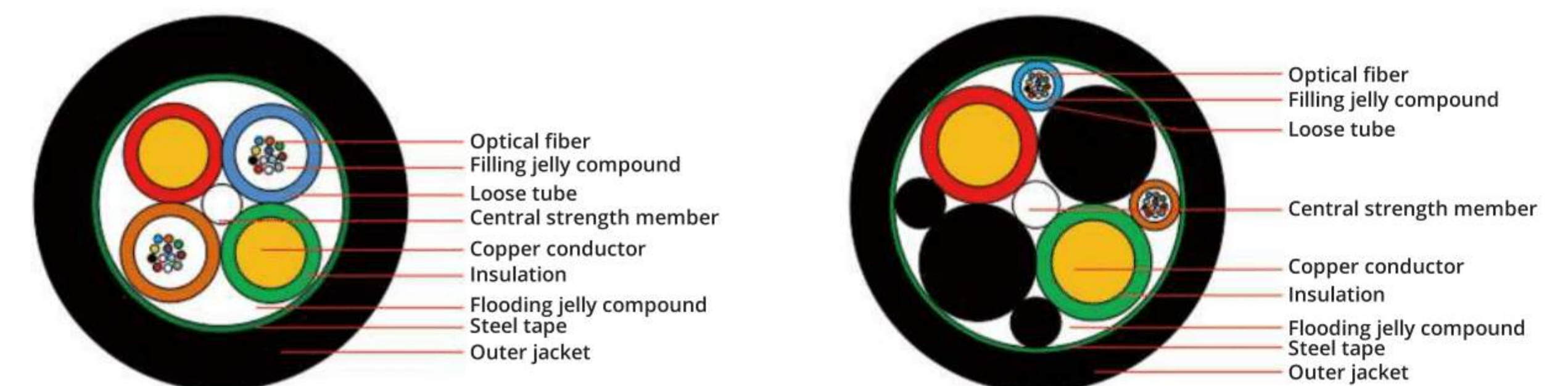
GDTA(Loose tube stranding, Metal strength member, Flooding jelly compound, Aluminum-polyethylene adhesive jacket)

Standards:

YD/T 2159-2010 Opto electric composite cable for telecommunications

Fiber Count	Conductor Specifications	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
					Long term	Short term	Long term	Short term	Static	Dynamic
24	2×1.0	1+6	12.4	155	600	1500	300	1000	10D	20D
24	2×16.0	1+4	22.2	793	600	1500	300	1000	10D	20D

► GDTS

**Product Description:**

GDTS(Loose tube stranding, Metal strength member, Flooding jelly compound, Steel-polyethylene adhesive jacket)

Standards:

YD/T 2159-2010 Opto electric composite cable for telecommunications

Fiber Count	Conductor Specifications	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
					Long term	Short term	Long term	Short term	Static	Dynamic
24	2×1.0	1+6	12.4	182	600	1500	300	1000	10D	20D
24	2×16.0	1+4	22.2	844	600	1500	300	1000	10D	20D

Indoor Fiber Optical Cable

Optical Fiber Patch Cord Product

Applications:

The kind of cable is suitable for connections of communication equipments.

Characteristics:

Lighter and small diameter, flame retardant, separated easily and excellent softness;

High strength of aramid yarn strength member ensures excellent tensile resistance;

Tight buffer fiber and dry structure, convenient to install and maintain.

Operating Temperature:

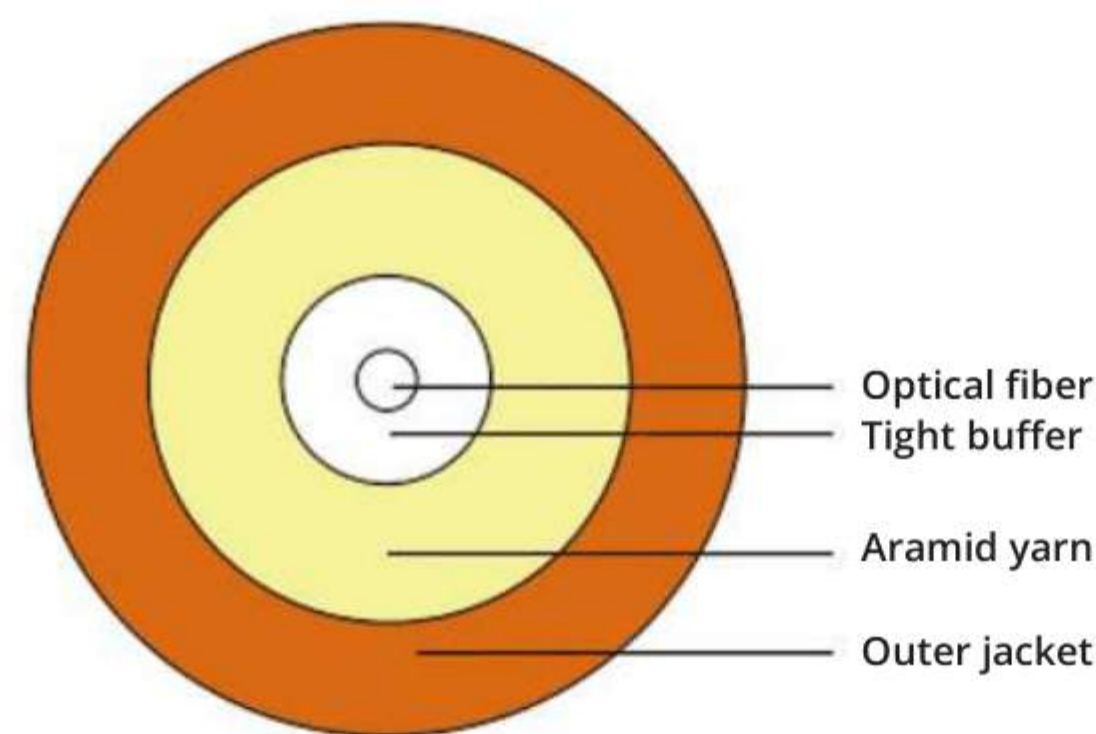
-20°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	50μm(OM3) 850nm/1300nm	SM 1310nm/1550nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	3.5/1.5	0.4/0.3
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	3.0/1.0	0.38/0.25

Note: Other types of fiber can be provided according to the customer's demands.

► Single Fiber Round Cable GJFJH



Product Description:

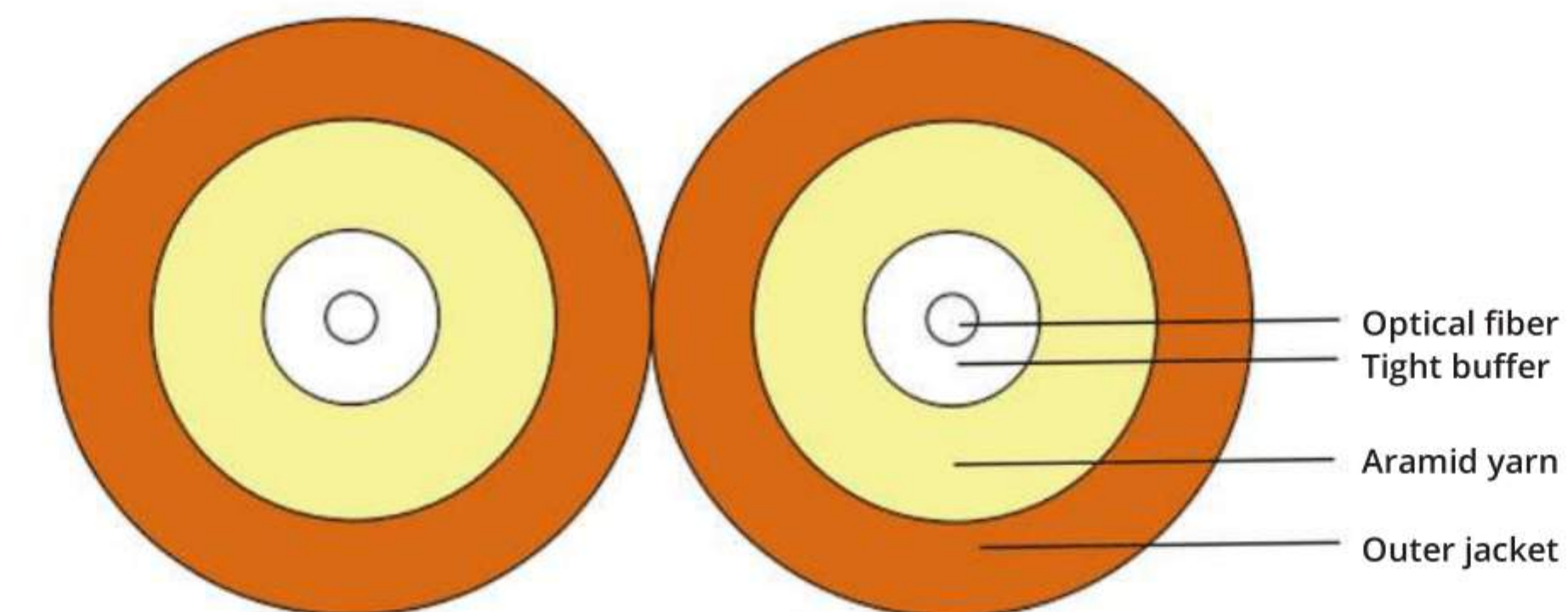
GJFJH (Tight buffer fiber structure, Aramid yarn strength member, LSZH jacket)

Standards:

YD/T 1258. 2-2009 Indoor fiber optical cable The second part: Terminal cable assembly with single core and dual core cable

Fiber Count	Specifications(mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
			Long term	Short term	Long term	Short term	Static	Dynamic
1	1.6	2.0	40	80	200	500	30	60
1	3.6	6.7	60	120	200	500	30	60

► Duplex Figure '8' Cable GJFJBH



Product Description:

GJFJBH (Tight buffer fiber structure, Aramid yarn strength member, LSZH jacket)

Standards:

YD/T 1258. 2-2009 Indoor fiber optical cable The second part: Terminal cable assembly with single core and dual core cable

Fiber Count	Specifications(mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
			Long term	Short term	Long term	Short term	Static	Dynamic
1	1.6×3.3	3.9	60	120	200	500	30	60
1	3.0×6.1	13.5	120	240	200	500	30	60

Indoor Cabling Cable Product

Applications:

The kind of cable is suitable for the occasion of multi-way transmission between instrument and communication equipments.

Characteristics:

Lighter and small diameter, flame retardant, separated easily and excellent softness;

High strength of aramid yarn strength member, excellent tensile resistance;

Tight buffer fiber and dry structure make installation and maintenance conveniently.

Operating Temperature:

-20°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	50μm(OM3) 850nm/1300nm	SM 1310nm/1550nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	3.5/1.5	0.4/0.3
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	3.0/1.0	0.38/0.25

Note: Other types of fiber can be provided according to the customer's demands.

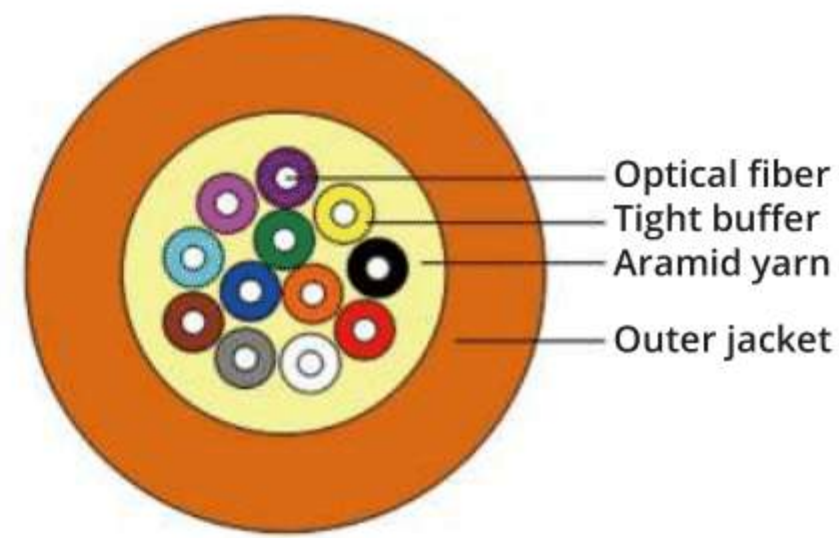
► Cabling Cable GJPFJH

Product Description:

GJPFJH (Tight buffer fiber structure, Aramid yarn strength member, LSZH jacket)

Standards:

YD/T 1258. 4-2005 Indoor fiber optical cable
Multicore cable



The way of Cabling	Fiber Count	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
Level	4	4.7	19	130	440	200	1000	10D	20D
Vertical	12	6.5	37	200	660	300	1000	10D	20D

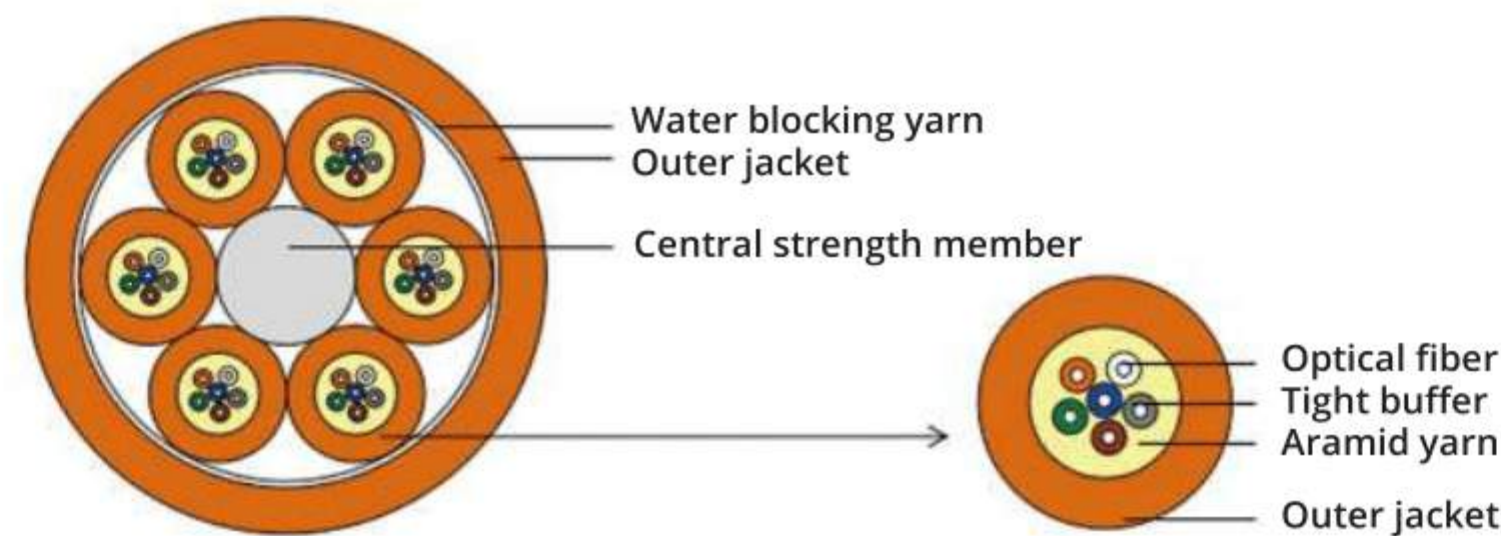
► Combined Cabling Cable GJPFJH

Product Description:

GJPFJH (Tight buffer fiber structure, Stranded structure, Aramid yarn strength member, LSZH jacket)

Standards:

YD/T 1258. 4-2005 Indoor fiber optical cable
Multicore cable



Fiber Count	Structure	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
24	1+4	14.5	176	500	1000	300	1000	10D	20D
96	1+8	23.1	476	1100	2200	300	1000	10D	20D

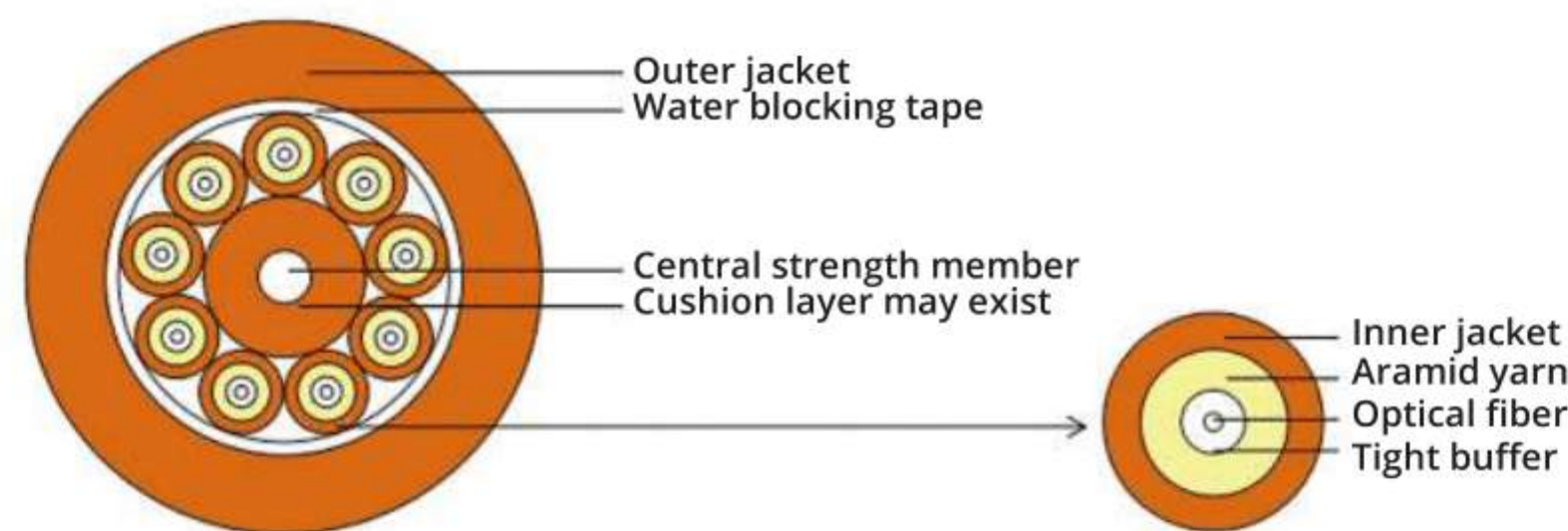
► Break-out Cable GJBFJH

Product Description:

GJBFJH (Tight buffer fiber and stranded structure, Aramid yarn strength member, Water blocking tape, LSZH jacket)

Standards:

YD/T 1258. 4-2005 Indoor fiber optical cable
Multicore cable



Fiber Count	Specifications(mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
			Long term	Short term	Long term	Short term	Static	Dynamic
4	7.5	52	210	450	300	1000	10D	20D
24	14.8	185	1200	2400	300	1000	10D	20D

FTTX Drop Cable Product

Applications:

The kind of cable is suitable for fiber to the home.

Characteristics:

Bow-Type Drop Cable

Lighter and small diameter, flame retardant, separated easily and excellent softness;

The glass fiber bar, aramid fiber rods and small wire are as strength member;

The steel wire and stranding steel wire have excellent tensile strength as the self-supporting bow-type drop cable's messenger wire ;

Excellent flame retardant performance.

Double Core Side By Side Bow-Type Drop Cable

Two Bow-type cables can be installed at the same time;

Each typical cable can be separately terminated and doesn't need to be separated.

Rotundity Drop Cable

Small diameter, Aramid yarn strength member, Excellent softness and high strength.

Duct Bow-Type Drop Cable

The kind of cable is suitable for duct to the home;

Excellent waterproof performance and excellent tensile resistance;

Excellent lateral waterproof performance.

Water-Proof Cable

Excellent lateral waterproof performance and excellent tensile resistance;

Each sub-cable unit can be separately terminated.

Operating Temperature:

-20°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	50μm(OM3) 850nm/1300nm	SM 1310nm/1550nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	3.5/1.5	0.4/0.3
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	3.0/1.0	0.38/0.25

Note: Other types of fiber can be provided according to the customer's demands.

► Indoor Cabling Bow-Type Drop Cable (GJXH, GJXDH, GJXFH, GJXFDH)

Traditional Bow-Type Drop Cable

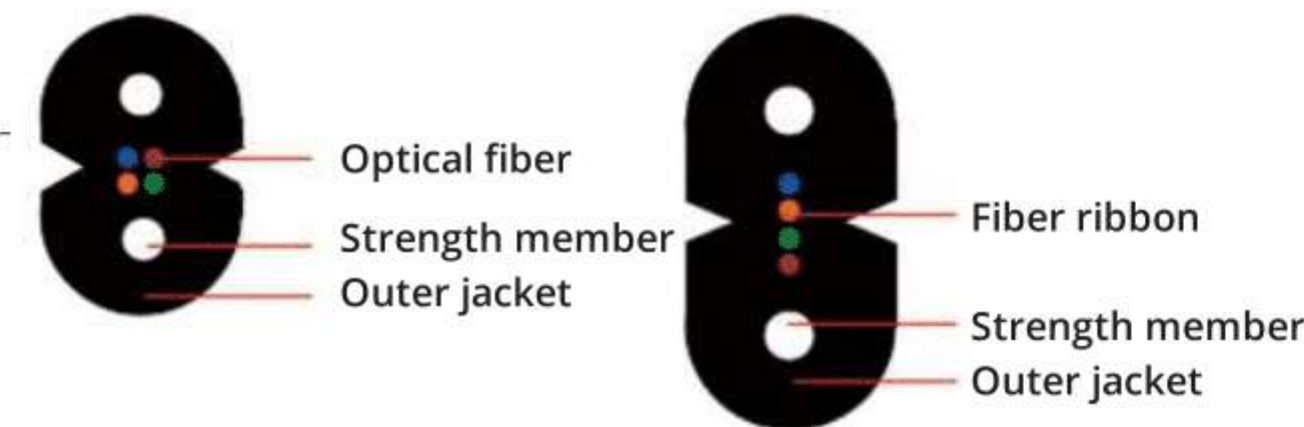
Product Description:

GJXH (Metal strength member, LSZH jacket, Non self-supporting)

GJXDH (Optical fiber ribbon, Metal strength member, LSZH jacket, Non Self-Supporting)

GJXFH (Non-metal strength member, LSZH jacket, Non self-supporting)

GJXFDH (Optical fiber ribbon, Non-metal strength member, LSZH jacket, Non self-supporting)



Standards:

YD/T 1997.1-2014 Bow-type drop cable for access network

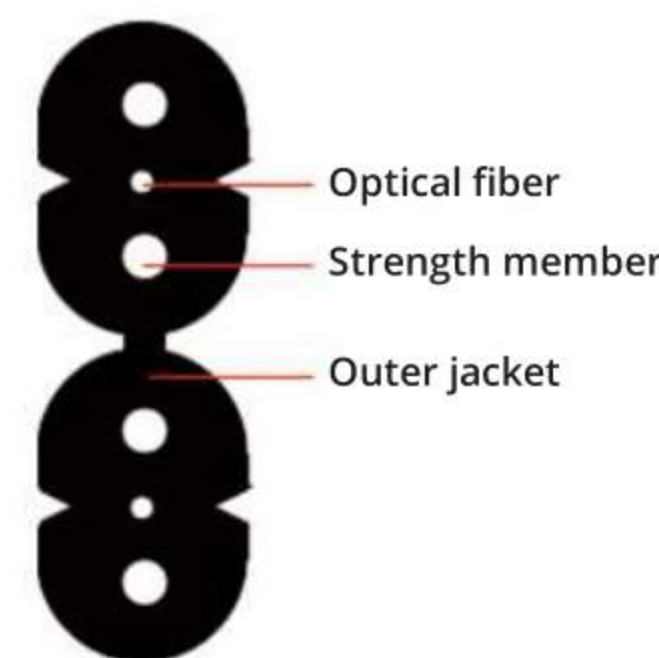
Type	Fiber Count	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
GJXH	1, 2, 4	2.0×3.0	9.2	100	200	1000	2200	15	30
GJXFDH	4	2.0×4.0	8.3	40	80	500	1000	15	30

Double Core Side By Side Bow-Type Drop Cable

Product Description:

Double core independent GJXH (Metal strength member, LSZH jacket, Non self-supporting)

Double core independent GJXFH (Non-metal strength member, LSZH jacket, Non self-supporting)



Standards:

YD/T 1997.1-2014 Bow-type drop cable for access network

Type	Fiber Count	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
GJXH	1	2.0×6.0	23.1	100	300	1000	2200	15	30
GJXFH	1	2.0×6.0	16.4	40	100	500	1000	15	30

► Outdoor Cabling Bow-Type Drop Cable (GJYXCH, GJYXDCH, GJYXFCH, GJYXFDCH)

Traditional Bow-Type Drop Cable

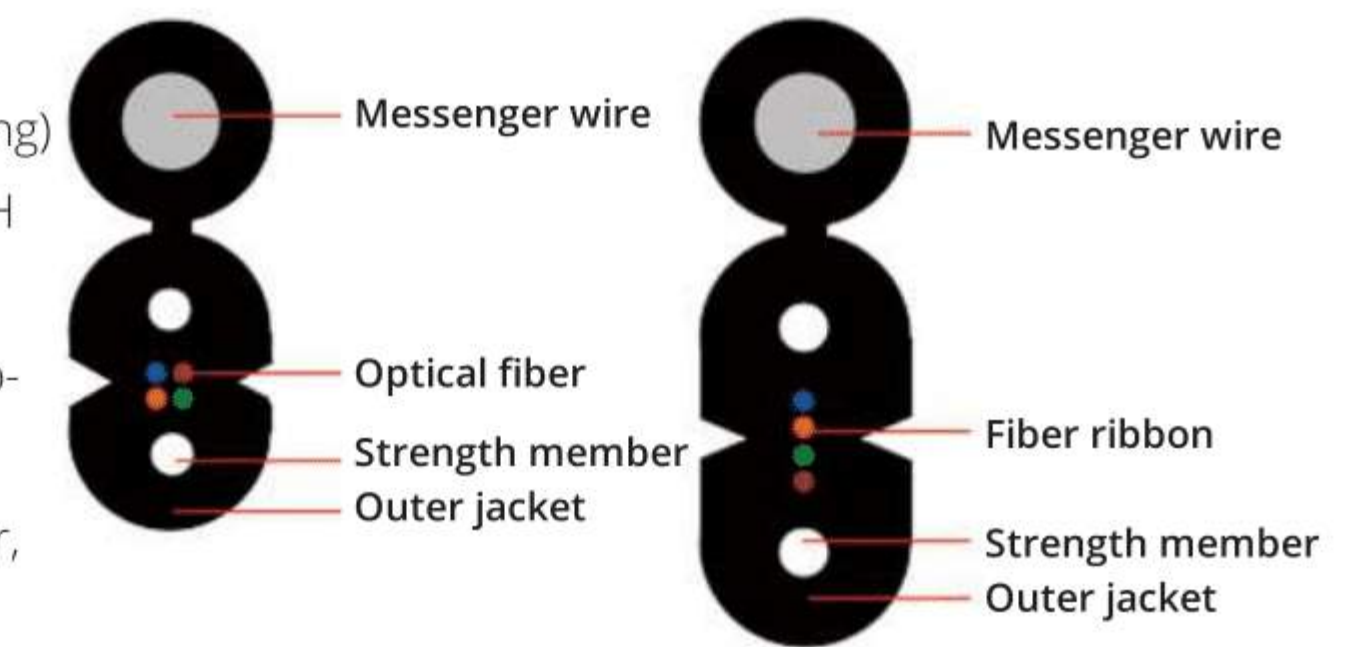
Product Description:

GJYXCH (Metal strength member, LSZH jacket, self-supporting)

GJYXDCH (Optical fiber ribbon, Metal strength member, LSZH jacket, self-supporting)

GJYXFCH (Non-metal strength member, LSZH jacket, self-supporting)

GJYXFDCH (Optical fiber ribbon, Non-metal strength member, LSZH jacket, self-supporting)



Standards:

YD/T 1997.1-2014 Bow-type drop cable for access network

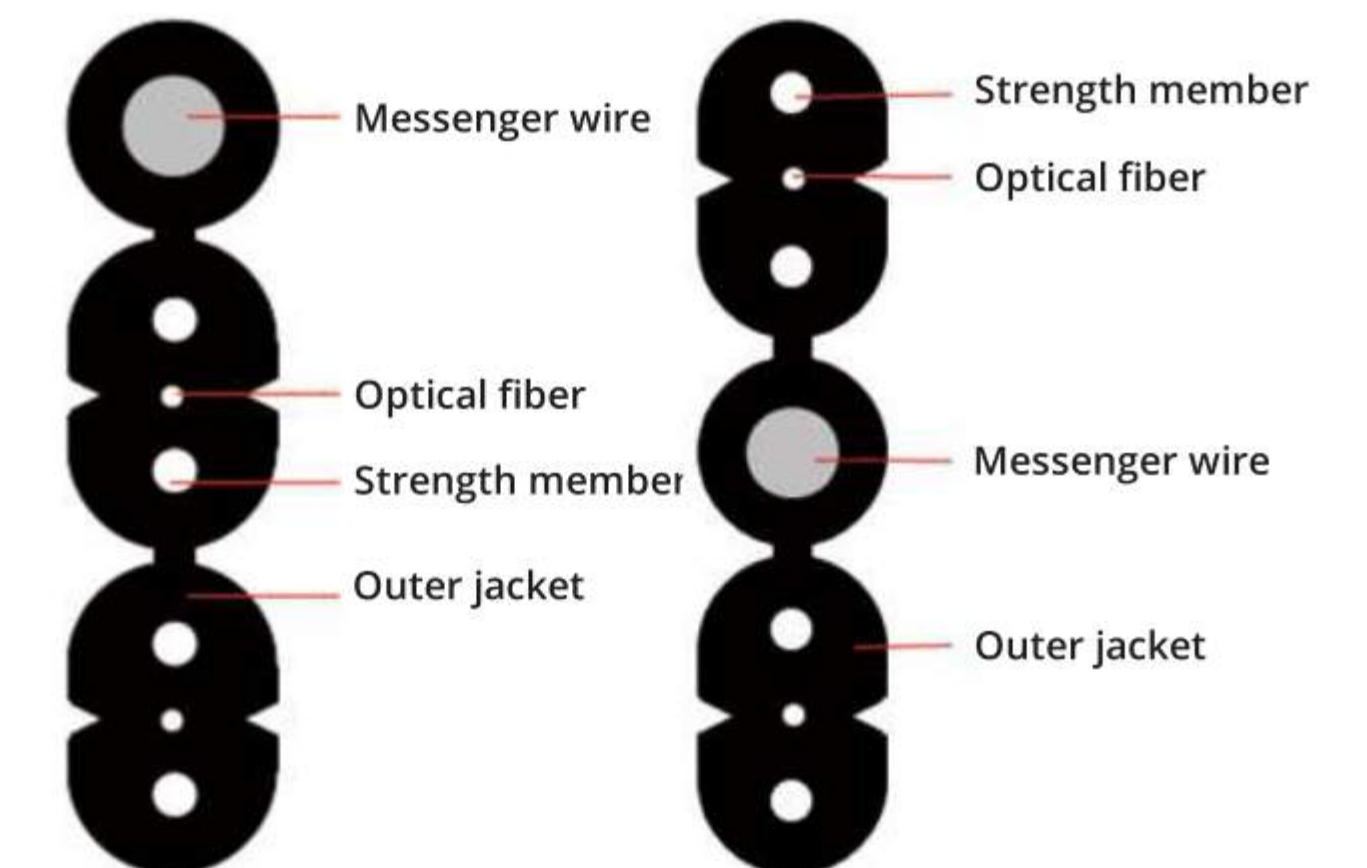
Type	Fiber Count	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
GJYXCH	1, 2, 4	2.0×5.0	18.1	100	200	1000	2200	15	30
GJYXFDCH	4	2.0×6.0	17.1	40	80	500	1000	15	30

Double Core Side By Side Bow-Type Drop Cable

Product Description:

Double core independent GJYXCH (Metal strength member, LSZH jacket, Non self-supporting)

Double core independent GJYXFCH (Non-metal strength member, LSZH jacket, Non self-supporting)



Standards:

YD/T 1997.1-2014 Bow-type drop cable for access network

Type	Fiber Count	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
GJYXCH	1	2.0×8.0	28.1	100	300	1000	2200	15	30
GJYXFCH	1	2.0×8.0	21.4	40	100	500	1000	15	30

► Rotundity Drop Cable

(GJFJH, GJYFJCH)

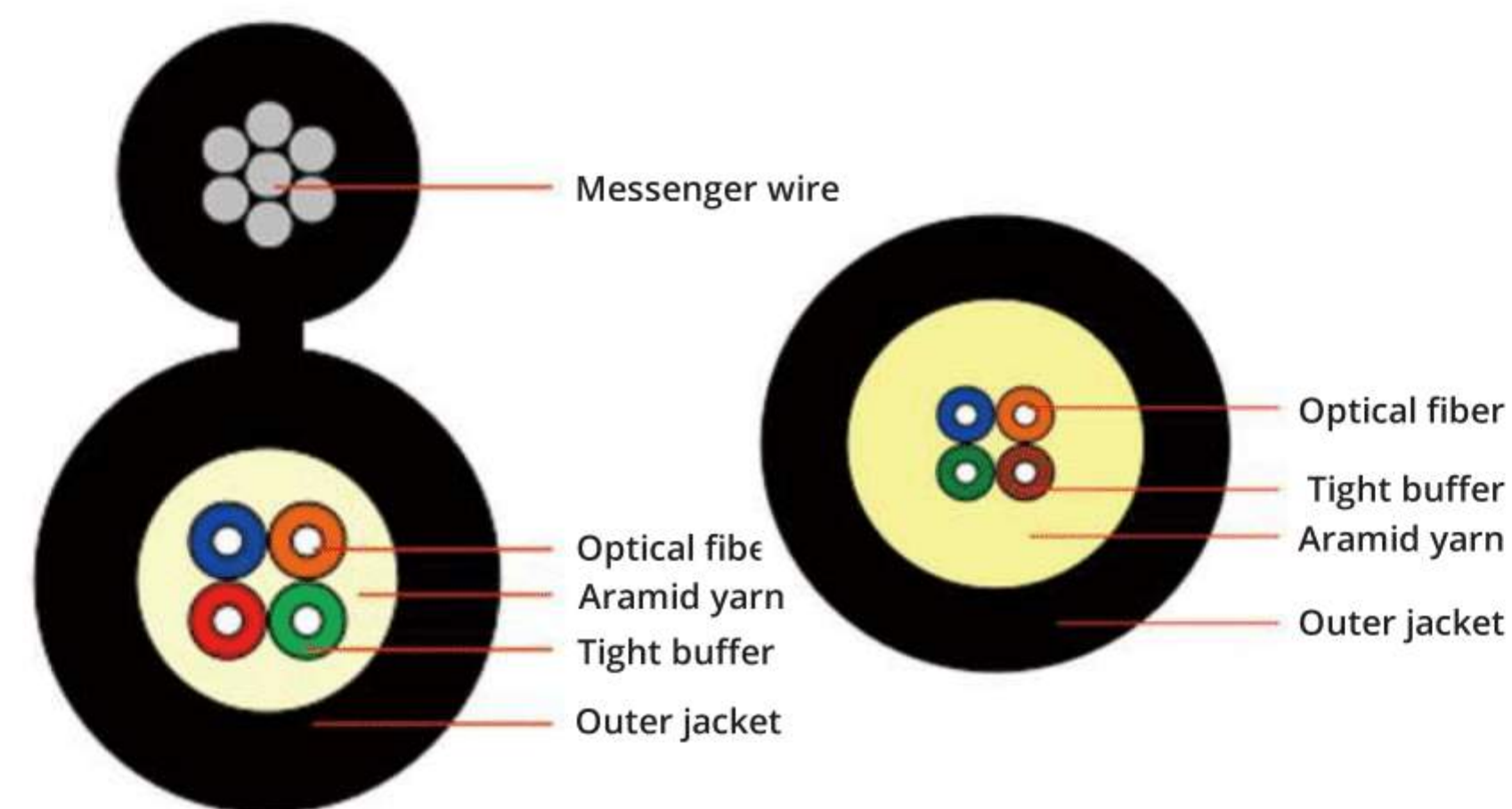
Product Description:

GJFJH (Tight buffer fiber structure, Aramid yarn strength member, LSZH outer jacket)

GJYFJCH (Tight buffer fiber structure, Aramid yarn strength member, LSZH outer jacket, self-supporting)

Standards:

YD/T 1258. 4-2005 Indoor fiber optical cable Dual core cable



Type	Fiber Count	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
GJFJH	1	2.5	5.0	60	120	1000	2200	15	30
GJYFJCH	4	3.5×6.5	26.0	300	600	1000	2200	15	30

► Duct Bow-Type Drop Cable

(GJYXH03, GJYXDH03, GJYXFH03, GJYXFDH03)

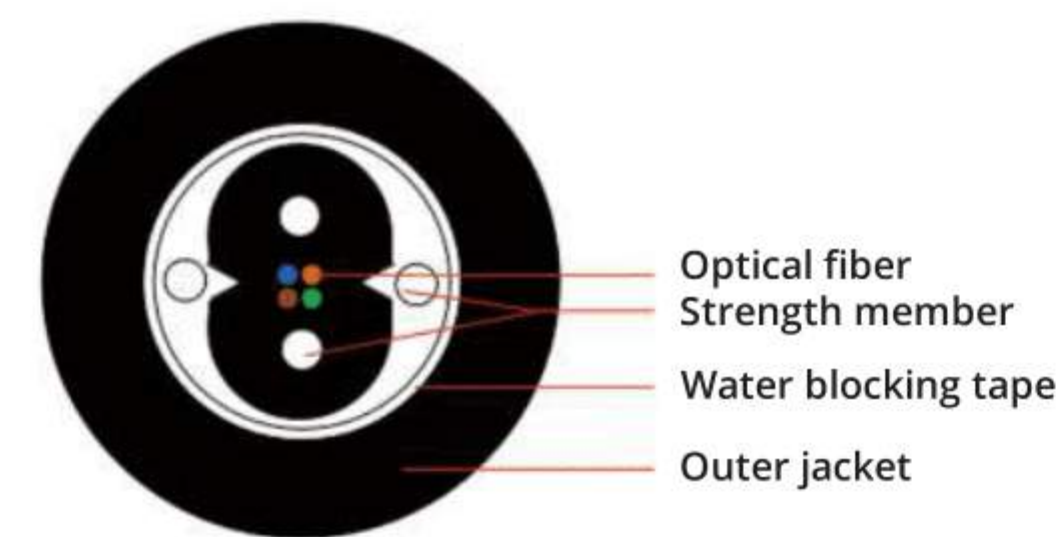
Product Description:

GJYXH03 (Metal strength member, LSZH inner jacket, Water blocking tape, PE outer jacket)

GJYXFH03 (Non-metal strength member, LSZH inner jacket, Water blocking tape, PE outer jacket)

Standards:

YD/T 1997-2009 Bow-type drop cable for access network



Type	Fiber Count	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
GJYXH03	1, 2, 4	6.0	28.2	300	600	1000	2200	15	30
GJYXFH03	1, 2, 4	6.0	25.3	100	200	500	2200	15	30

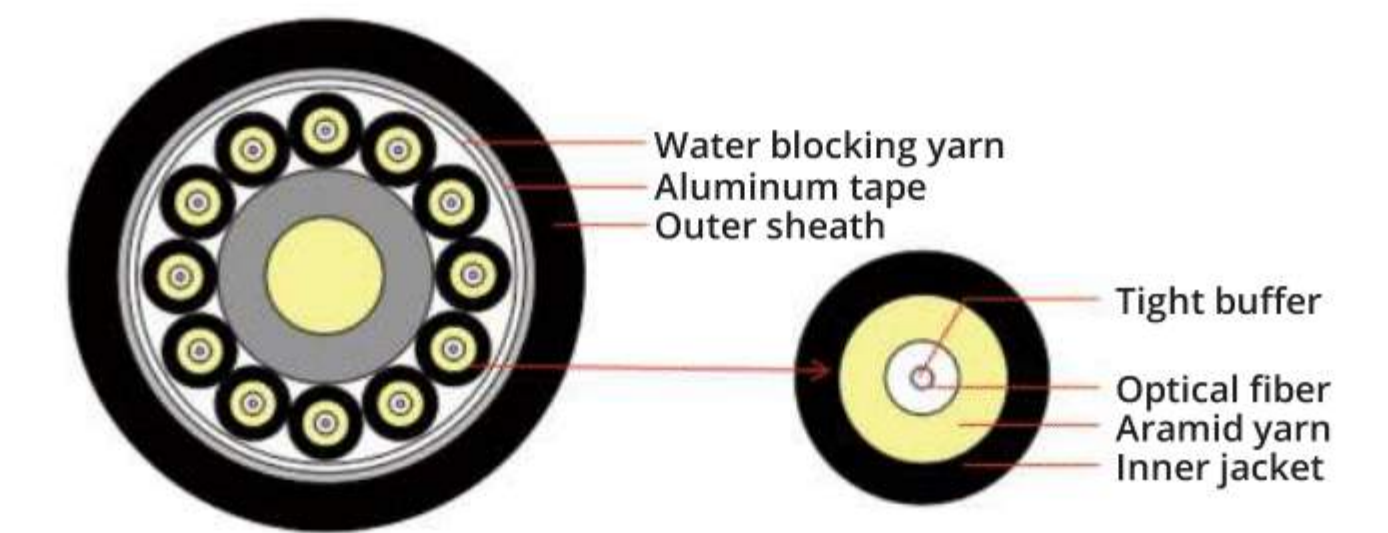
► Water-Proof Cable GYBJA

Product Description:

GYBJA(Metal strength member, LSZH inter sheath, Water blocking tape, Outer jacket)

Standards:

YD/T 1258. 4-2005 Indoor fiber optical cable Dual core cable



Fiber Count	Structure	Diameter (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
2	1+4	9.6	68	450	900	300	1000	15	30
8	1+8	11.8	111	600	1200	300	1000	15	30

RRH Fiber Optical Cable For Base Station

Applications:

The kind of cable is used as drop cable at communication base station.

Characteristics:

High strength of aramid yarn strength member, Lighter and small diameter, Excellent tensile resistance; Each sub-cable unit can be directly terminated by stranded connectors;

To meet the requirement of flame retardant and environmental protection, LSZH flame retardant materials is chosen.

Operating Temperature:

-20°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	50μm(OM3) 850nm/1300nm	SM 1310nm/1550nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	3.5/1.5	0.4/0.3
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	3.0/1.0	0.38/0.25

Note: Other types of fiber can be provided according to the customer's demands.

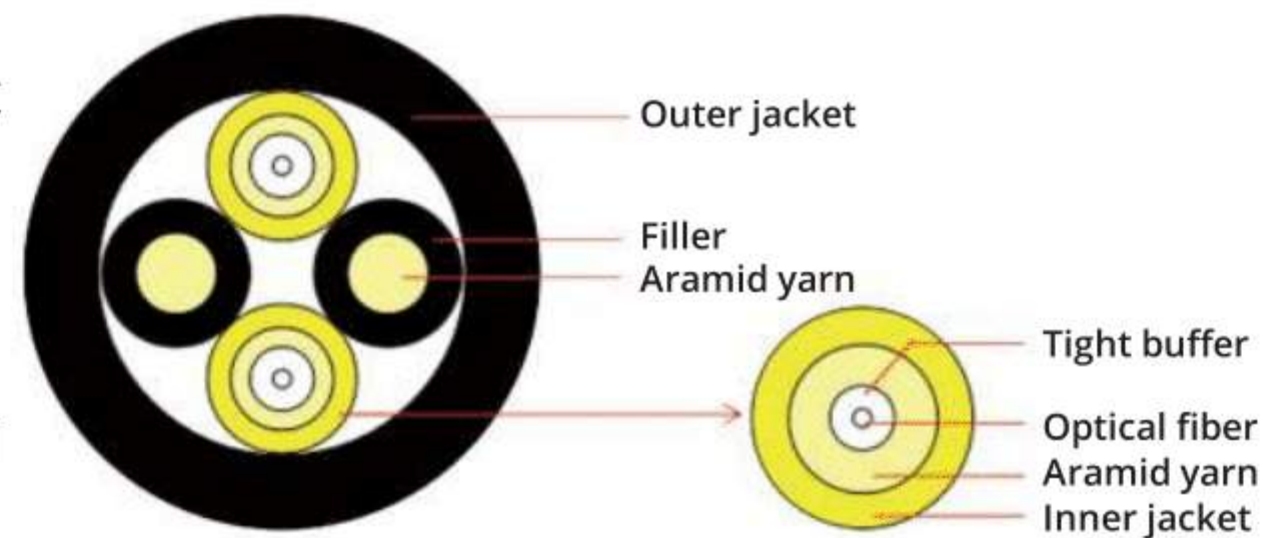
► Φ7.0 RRH Fiber Optical Cable GYFJH

Product Description:

GYFJH (Non-metal strength member, Tight buffer fiber structure, LSZH jacket)

Standards:

YD/T 2289. 1-2011 RRH unit fiber optical cable The first part: Fiber cable



Fiber Count	Structure	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
1-4	1+4	7.0	47	200	400	1000	2200	10D	20D

Wild Combat Cable

Applications:

The kind of cable is suitable for deploying and retracting repeatedly in special and wild environment.

Characteristics:

Lighter and small diameter, excellent performance of tensile strength resistance;

TPU outer jacket has excellent flame retardant, lateral pressure and abrasion resistance;

Widely Operating Temperature.

Operating Temperature:

-40°C ~ +80°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	50μm(OM3) 850nm/1300nm	SM 1310nm/1550nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	3.5/1.5	0.4/0.3
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	3.0/1.0	0.38/0.25

Note: Other types of fiber can be provided according to the customer's demands.

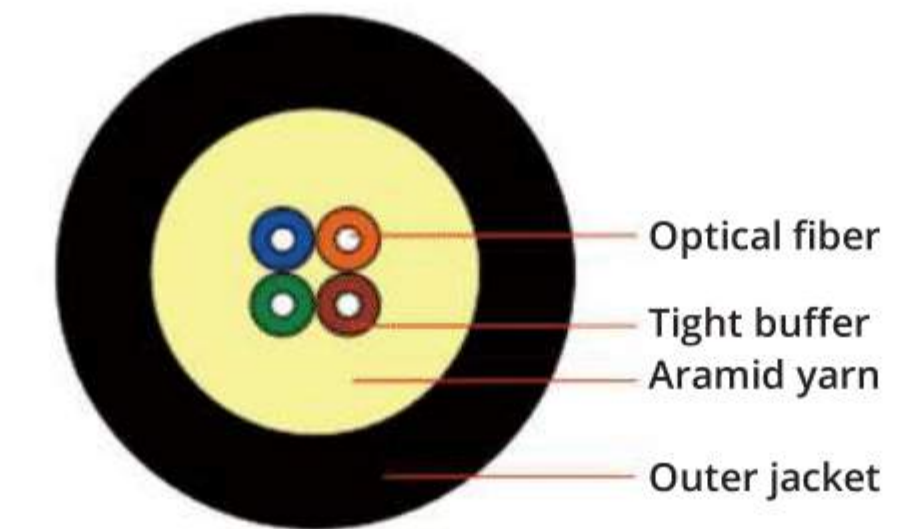
► Wild Combat Cable GYFJZU

Product Description:

GYFJZU(Tight buffer fiber structure, Aramid yarn strength member, TPU outer jacket)

Standards:

GJB 1428B-2009 Cable general specification



Fiber Count	Specifications(mm)	Tensile(N)		Crush(N)		Bending Radius(mm)	
		Long term	Short term	Long term	Short term	Static	Dynamic
1	3.0	800	400	200	1000	10D	20D
6	6.0	800	400	200	1000	10D	20D

Indoor Invisible Cable

Applications:

The kind of cable is suitable for fiber to the home.

Characteristics:

Low cost and abrasion, high strength and softness;

Low-temperature resistant, Excellent oil resistance, chemicals and environmental resistance ;

Good toughness and concealment, install and maintain conveniently. Apply to fiber to the home .

Operating Temperature:

-20°C ~ +70°C

Transmission Performance

Item	62.5μm(OM1) 850nm/1300nm	50μm(OM2) 850nm/1300nm	50μm(OM3) 850nm/1300nm	SM 1310nm/1550nm
Attenuation Of Maximum Value(dB/km)	3.5/1.5	3.5/1.5	3.5/1.5	0.4/0.3
Attenuation Of Typical Value(dB/km)	3.5/1.5	3.0/1.0	3.0/1.0	0.38/0.25

Note: Other types of fiber can be provided according to the customer's demands.

► Φ0.9 Invisible Tight Buffer Fiber

Product Description:

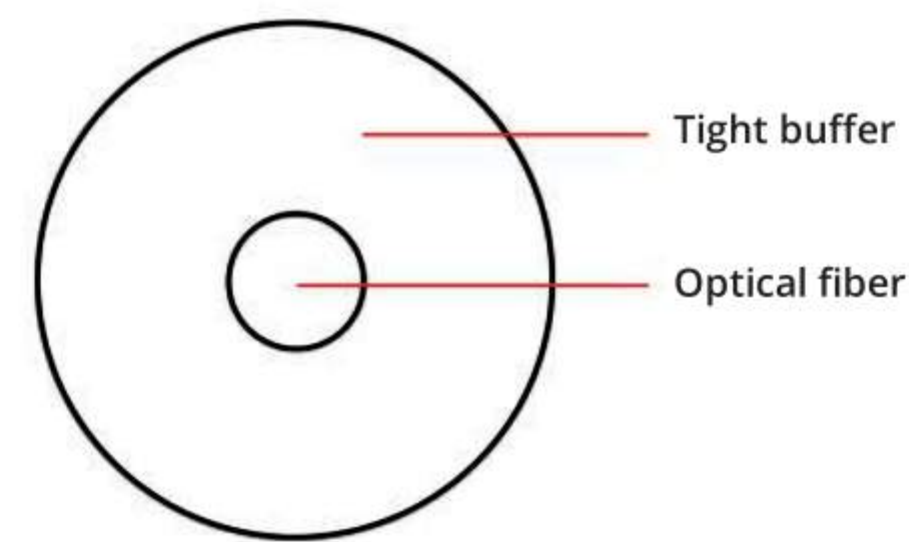
Φ0.9 Invisible Tight Buffer Fiber

(Tight buffer fiber, Thermoplastic TPU tight buffer)

Standards:

YD/T 1997-2009 Bow-type drop cable for access network

YD/T 1258-2005 Indoor fiber optical cable



Fiber Count	Structure	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
1	Tight Buffer Fiber	0.9	0.74	5	20	200	500	5D	20D

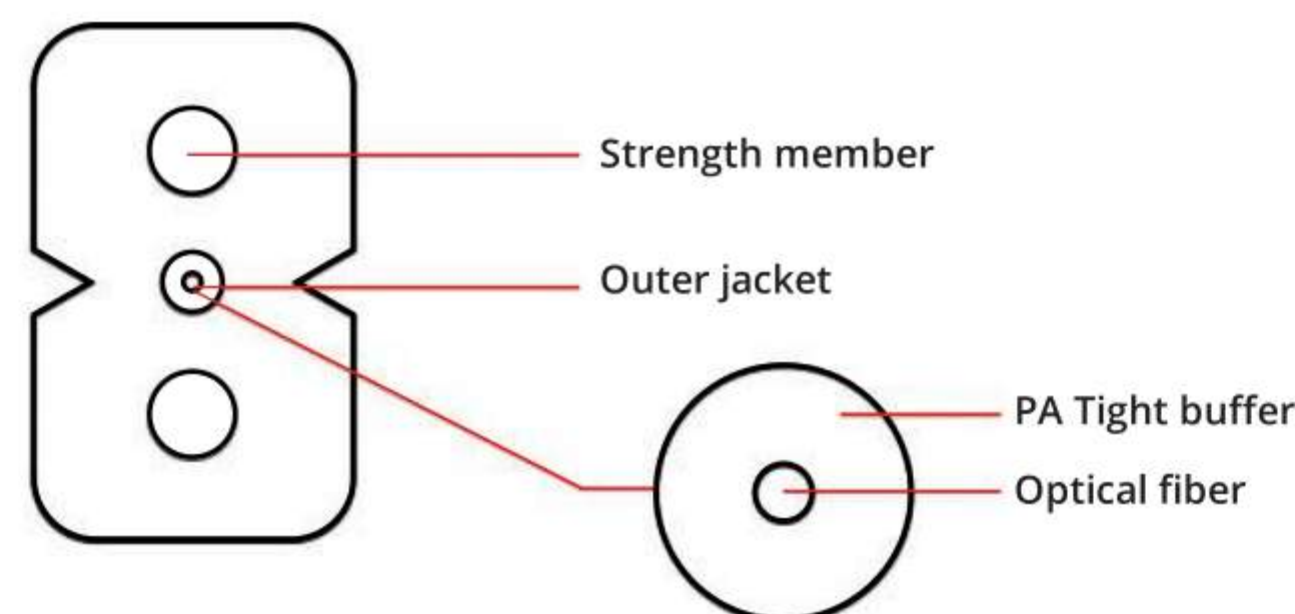
► Indoor Cabling Invisible Bow-Type Drop Cable

(GJXJH, GJXFJH)

Product Description:

GJXJH (Tight buffer fiber structure, Metal strength member, LSZH jacket, Non self-supporting)

GJXFJH(Tight buffer fiber structure, Non-metal strength member, LSZH jacket, Non self-supporting)



Standards:

YD/T 1997-2009 Bow-type drop cable for access network

YD/T 1258-2005 Indoor fiber optical cable

Type	Fiber Count	Specifications (mm)	Weight (kg/km)	Tensile(N)		Crush(N)		Bending Radius(mm)	
				Long term	Short term	Long term	Short term	Static	Dynamic
GJXH	1	2.0×3.0	9.9	100	200	1000	2200	15	30
GJXFH	1	2.0×3.0	7.9	100	200	1000	2200	15	30

Data Cable

Horizontal Symmetrical Twisted-Pair Cable for Communications Category 5

Applications:

10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155Mbps-ATM, 622Mbps ATM

Standards:

YD/T 1019-2013 ISO/IEC11801, ANSI/TIA/EIA-568-C, UL444(Apply to Indoor data cable), IEC61156

Operating Temperature:

-20°C ~ +60°C

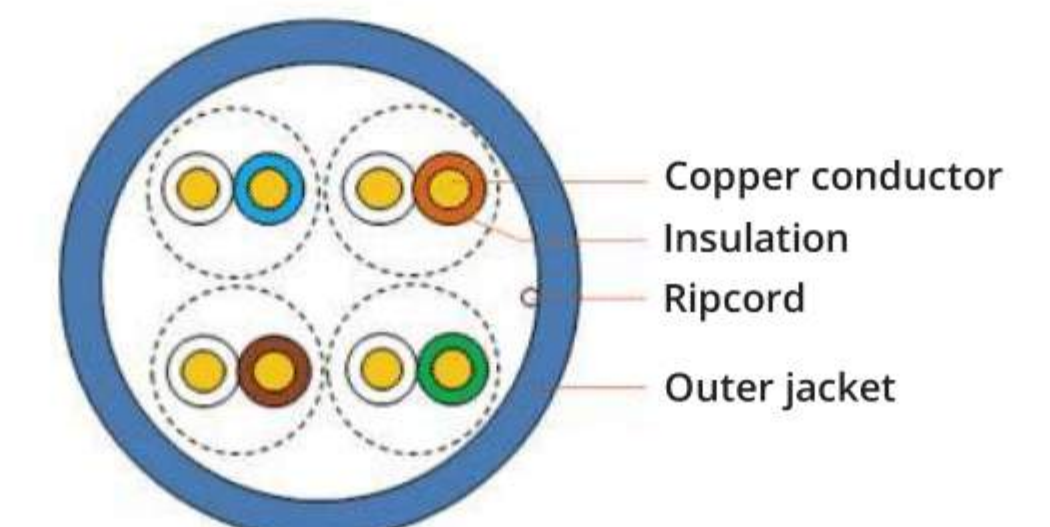
Transmission Performance						
Frequency (MHz)	Attenuation (Max) (dB/100m)	NEXT(Min) (dB/100m)	ELFEXT(Min) (dB/100m)	RL (Min) (dB)	Phase Velocity (Min) (m./s)	Phase Delay (Max) (ns/100m)
4	4.1	53.3	49	18.8	0.604c	552
100	22.0	32.3	21	15.1	0.620c	538

► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication UTP CAT5(HSYV5)

Product Description:

UTP CAT5 HSYV5 (Category 5, PE Insulation, PVC jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYV5	24AWG	4	5.0
HSYV5	24AWG	25	12.5



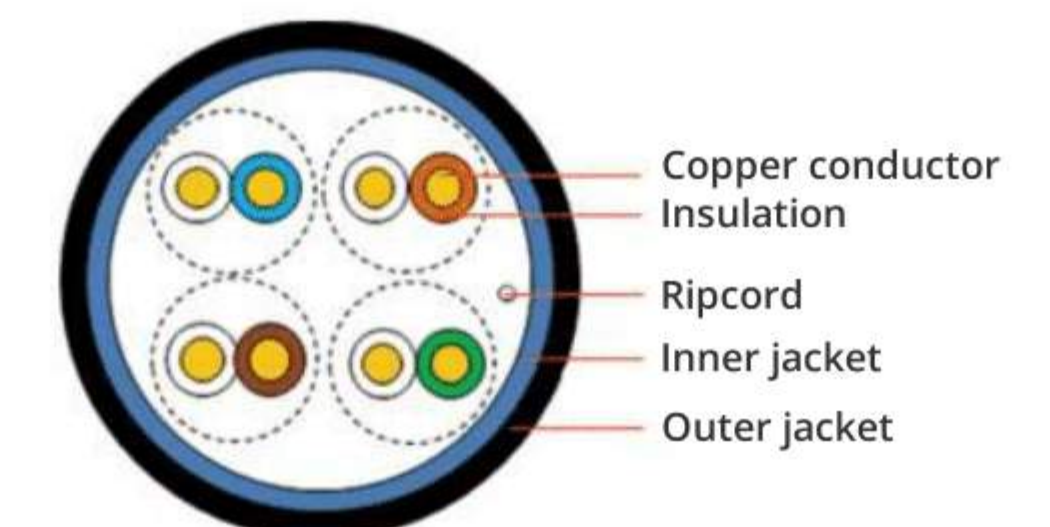
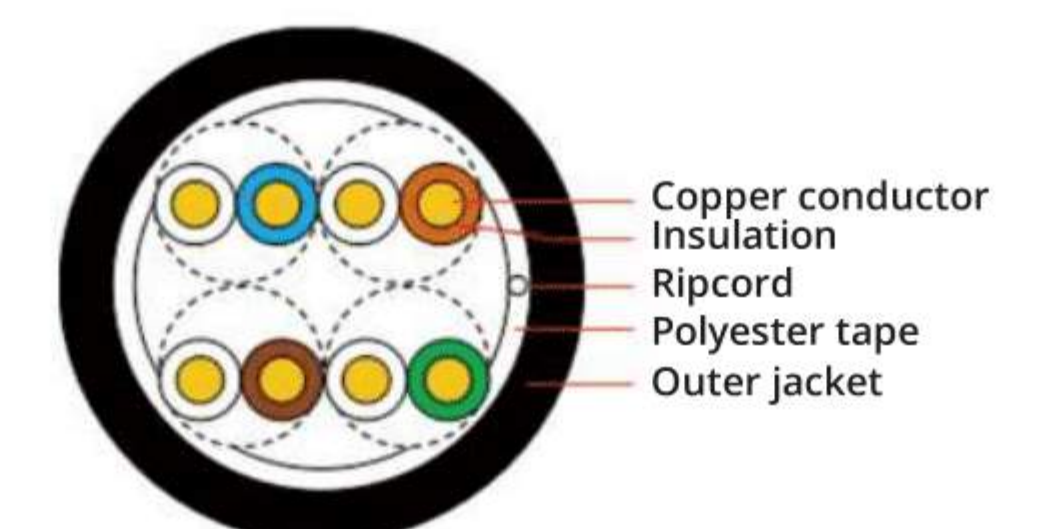
► Outdoor Horizontal Symmetrical Twisted-Pair Cable for Digital Communication UTP CAT5(HSYY5/ HSYVY5)

Product Description:

UTP CAT5 HSYY5(Category 5, PE Insulation, PE jacket)

UTP CAT5 HSYVY5(Category 5, PE Insulation, PVC inner jacket, PE outer jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYY5	24AWG	4	5.2
HSYY5	24AWG	25	12.5
HSYVY5	24AWG	4	5.8



Horizontal Symmetrical Twisted-Pair Cable for Communications Category 5E

Applications:

10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155Mbps-ATM, 622Mbps ATM, 1000Base-T

Standards:

YD/T 1019-2013, ISO/IEC11801, ANSI/TIA/EIA-568-C, UL444(Apply to Indoor Data Cable), IEC61156

Operating Temperature:

-20°C ~ +60°C

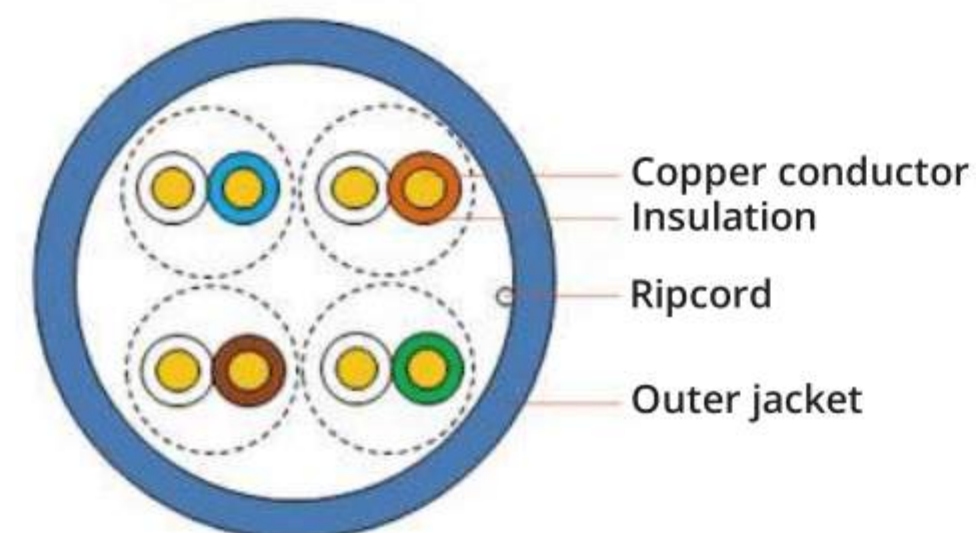
Transmission Performance						
Frequency (MHz)	Attenuation (Max) (dB/100m)	NEXT(Min) (dB/100m)	ELFEXT(Min) (dB/100m)	RL (Min) (dB)	Phase Velocity (Min) (m. /s)	Phase Delay (Max) (ns/100m)
4	4.1	53.3	49	18.8	0.604c	552
100	22.0	32.3	21	15.1	0.620c	538

► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication UTP CAT5e(HSYV5e)

Product Description:

UTP CAT5e HSYV5e (Category 5E, PE Insulation, PVC jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYV5e	24AWG	4	5.0



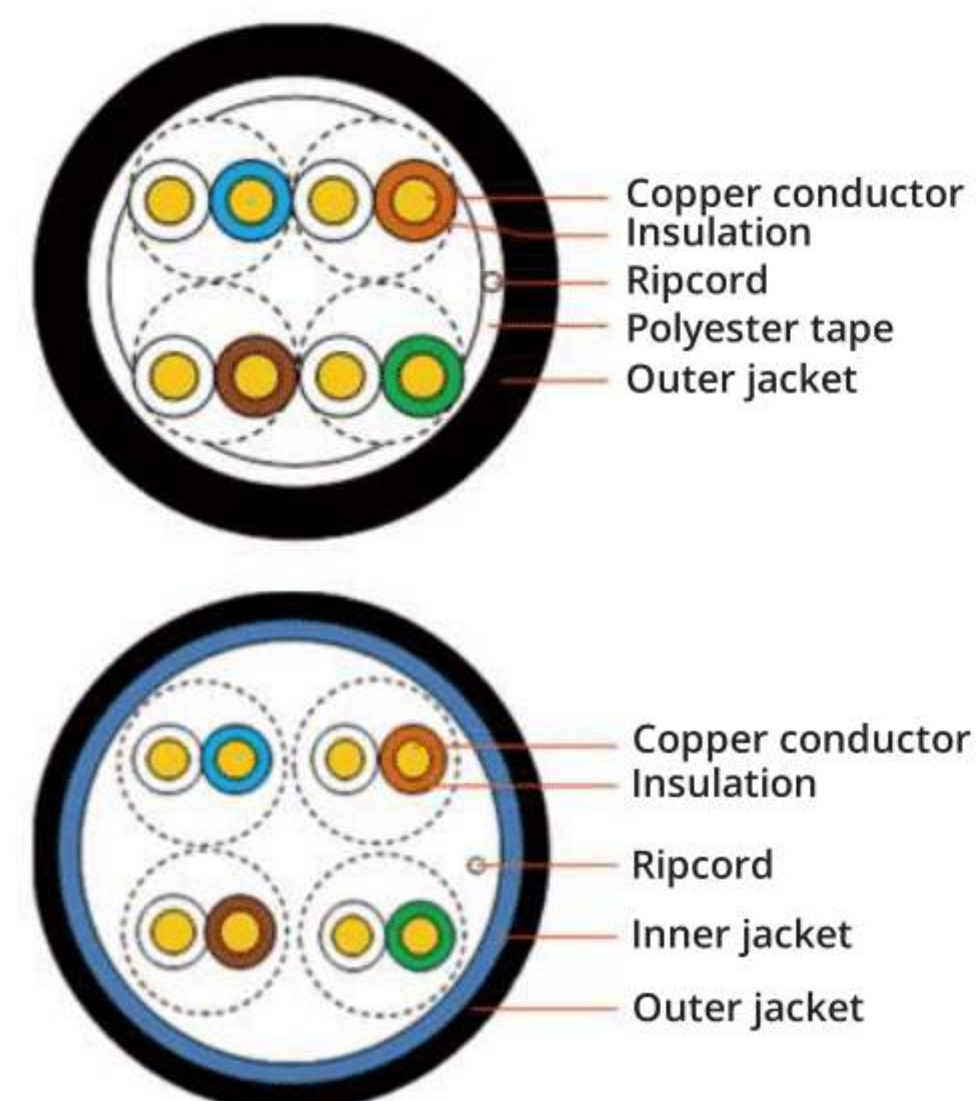
► Outdoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication UTP CAT5e(HSYV5e/ HSYVY5e)

Product Description:

UTP CAT5e HSYV5e(Category 5E, PE Insulation, PE jacket)

UTP CAT5e HSYVY5e(Category 5E, PE Insulation, PVC inner jacket, PE outer jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYV5e	24AWG	4	5.2
HSYVY5e	24AWG	4	5.8

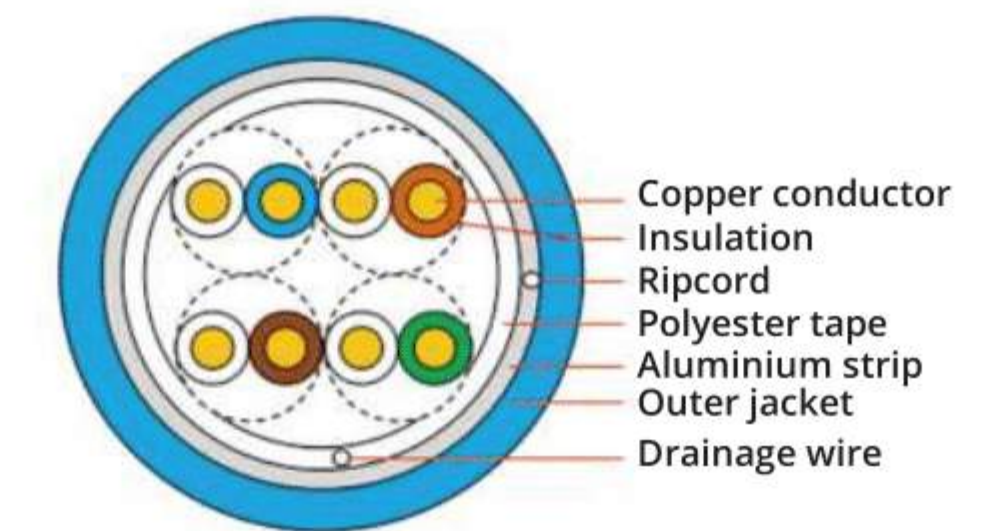


► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication FTP CAT5e(HSYVP5e)

Product Description:

FTP CAT5e HSYVP5e(Wiring-ftp category 5E, PE Insulation, PVC jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYVP5e	24AWG	4	6.3



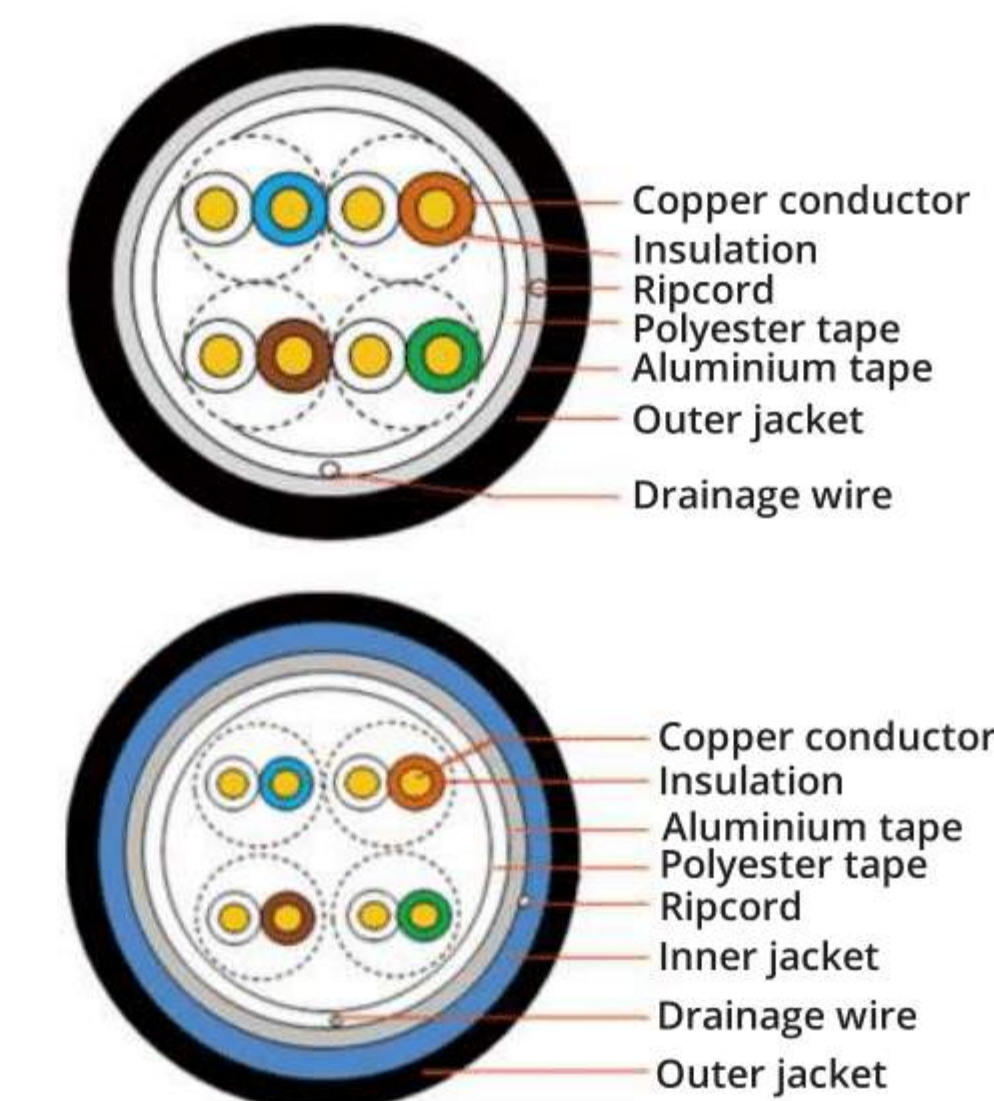
► Outdoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication FTP CAT5e(HSYYP5e/ HSYVYP5e)

Product Description:

FTP CAT5e HSYYP5e(Wiring-ftp category 5E, PE Insulation, PE jacket)

FTP CAT5e HSYVYP5e(Wiring-ftp category 5E, PE Insulation, PVC inner jacket, PE outer jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYYP5e	24AWG	4	6.3
HSYVYP5e	24AWG	4	7.3



Horizontal Symmetrical Twisted-Pair Cable for Communications Category 6

Applications:

10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155Mbps-ATM, 622Mbps ATM, 1000Base-T, 1000Base-TX, 10GBase-T

Standards:

YD/T 1019-2013 ISO/IEC11801, ANSI/TIA/EIA-568-C, UL444(Apply to Indoor Data Cable), IEC61156

Operating Temperature:

-20°C ~ +60°C

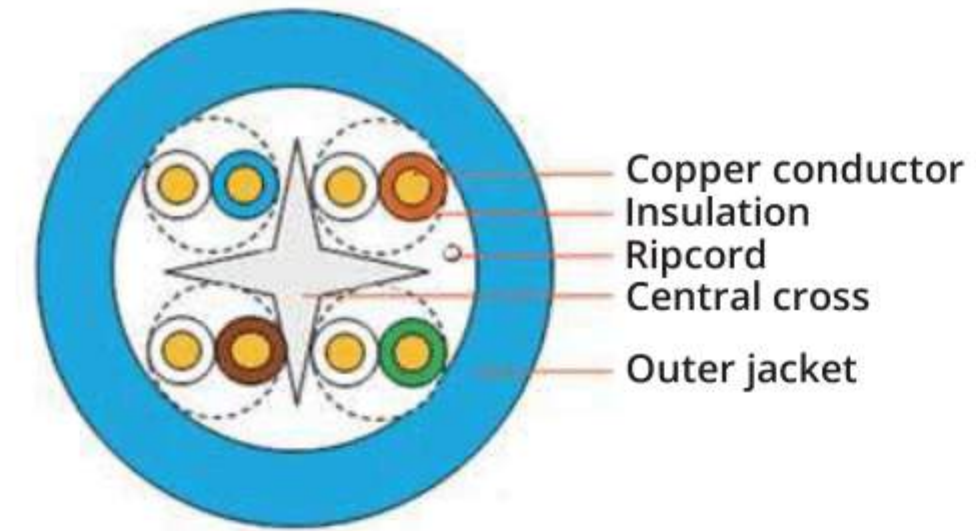
Transmission Performance						
Frequency (MHz)	Attenuation (Max) (dB/100m)	NEXT(Min) (dB/100m)	ELFEXT(Min) (dB/100m)	RL (Min) (dB)	Phase Velocity (Min) (m. /s)	Phase Delay (Max) (ns/100m)
4	3.8	66.3	56	23	0.604c	552
250	32.8	39.3	20	17.3	0.622c	536

► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication UTP CAT6(HSYV6)

Product Description:

UTP CAT6 HSYV6 (Category 6, PE Insulation, PVC jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYV6	23AWG	4	6.3



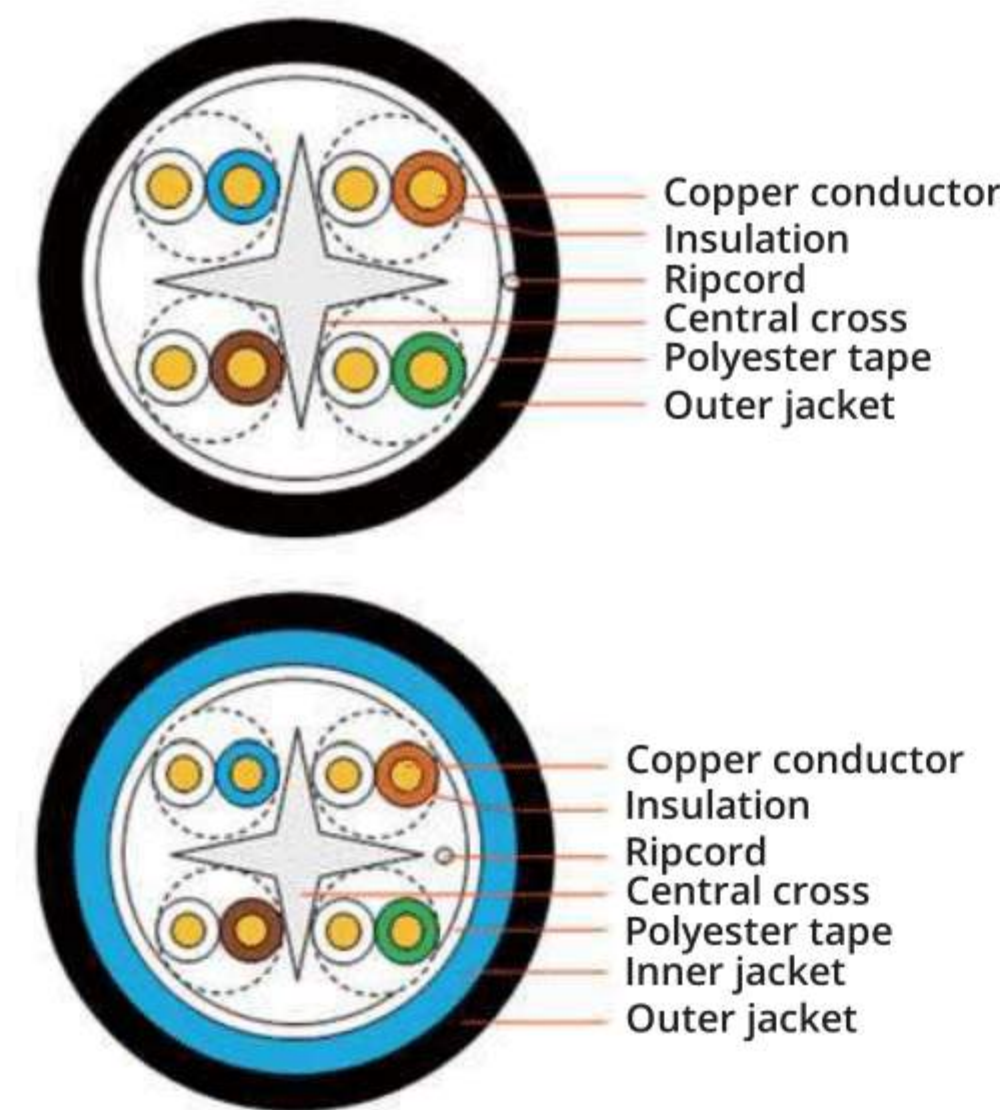
► Outdoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication UTP CAT6(HSYV6/ HSYVY6)

Product Description:

UTP CAT6 HSYV6(Category 6, PE Insulation, PE jacket)

UTP CAT6 HSYVY6(Category 6, PE Insulation, PVC inner jacket, PE outer jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYV6	23AWG	4	6.5
HSYVY6	23AWG	4	7.6

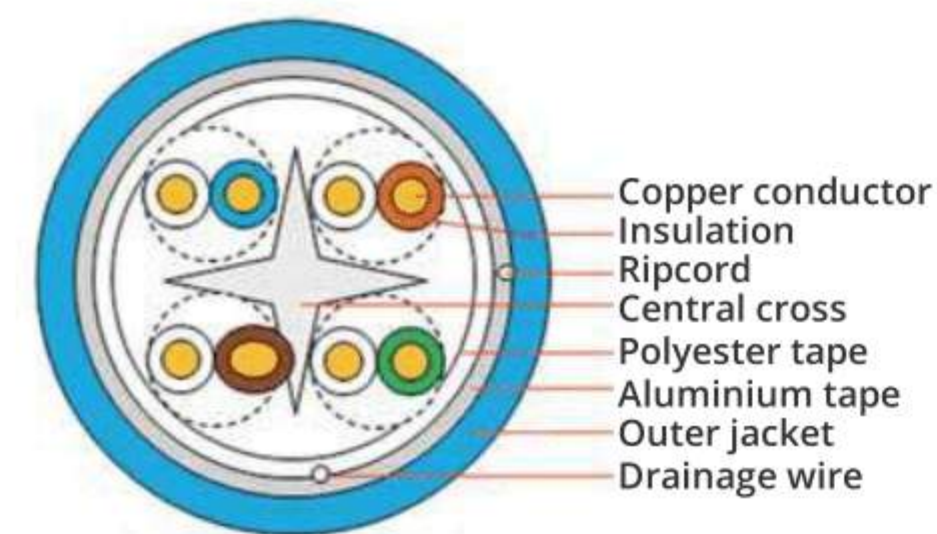


► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication FTP CAT6(HSYVP6)

Product Description:

FTP CAT6 HSYVP6(Wiring-FTP category 6, PE Insulation, PVC jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYVP6	23AWG	4	7.8



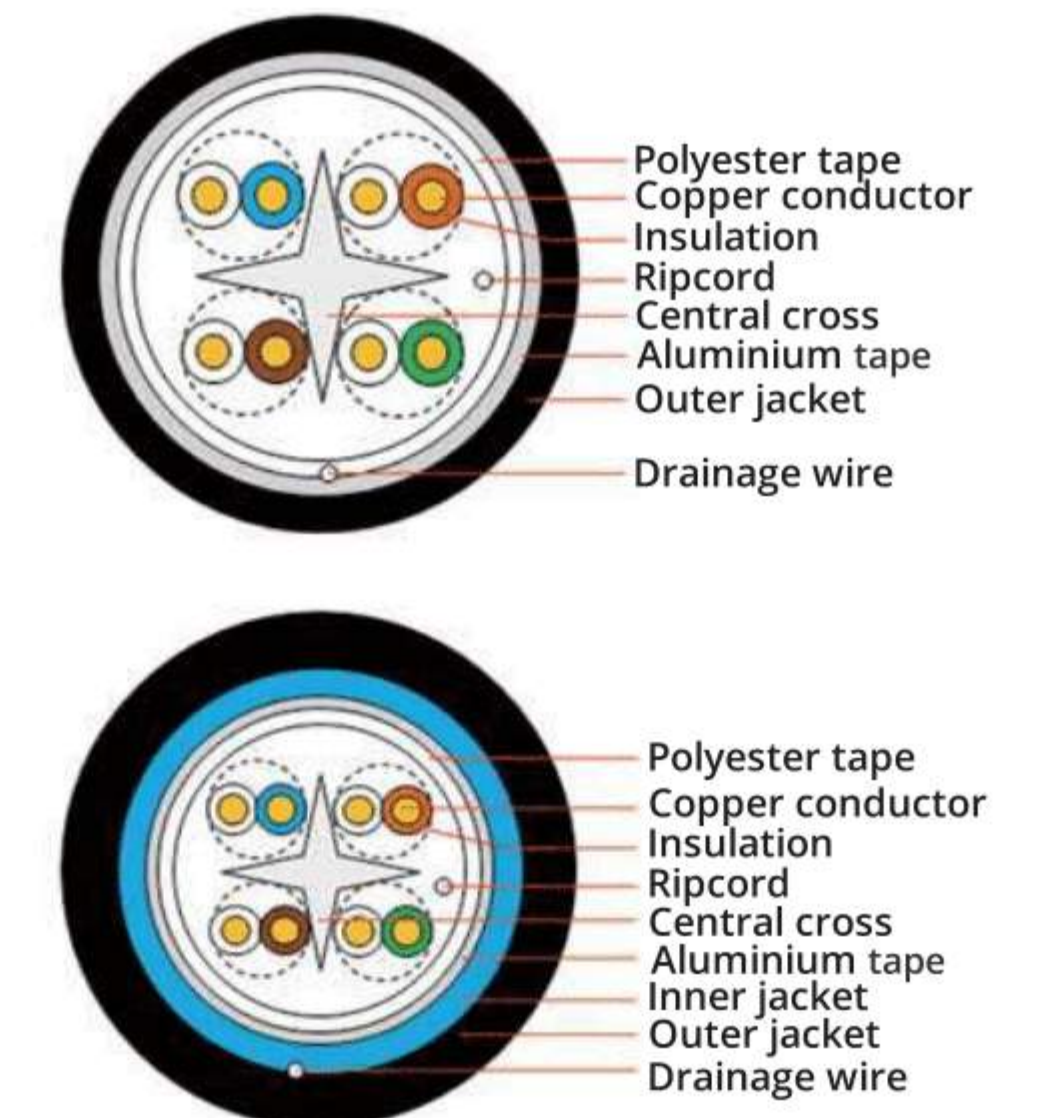
► Outdoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication FTP CAT6(HSYYP6/HSYVYP6)

Product Description:

FTP CAT6 HSYYP6(Wiring-FTP category 6, PE Insulation, PE jacket)

FTP CAT6 HSYVYP6 (Wiring-FTP Category 6,PE Insulation, PVC Inner Jacket, PE Outer Jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYYP6	23AWG	4	7.8
HSYVYP6	23AWG	4	8.6



Horizontal Symmetrical Twisted-Pair Cable for Communications Category 6E

Applications:

10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155Mbps-ATM, 622Mbps ATM, 1000Base-T, 1000Base-TX, 10GBase-T

Standards:

YD/T 1019-2013 ISO/IEC11801, ANSI/TIA/EIA-568-C, UL444(Apply to Indoor Data Cable), IEC61156

Operating Temperature:

-20°C ~ +60°C

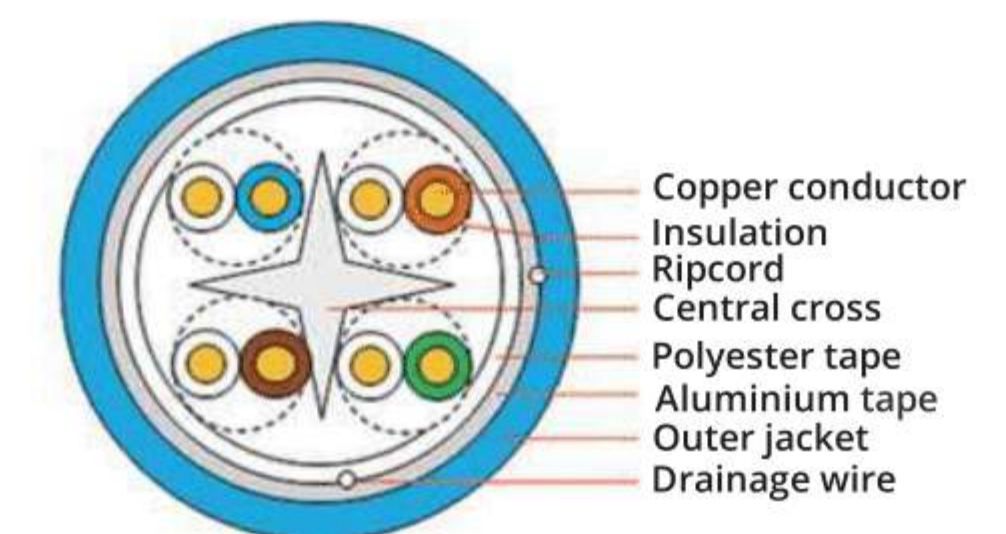
Transmission Performance						
Frequency (MHz)	Attenuation (Max) (dB/100m)	NEXT(Min) (dB/100m)	ELFEXT(Min) (dB/100m)	RL (Min) (dB)	Phase Velocity (Min) (m. /s)	Phase Delay (Max) (ns/100m)
4	3.8	66.3	56	23	0.604c	552
500	45.3	34.8	14	17.3	0.623c	536

► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication FTP CAT6A(HSYVP6A)

Product Description:

FTP CAT6A HSYVP6A (Wiring-FTP Category 6E,PE Insulation, PVC Jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYVP6A	23AWG	4	7.8



Horizontal Symmetrical Twist- ed-Pair Cable for Communica- tions Category 7

Applications:

1000Base-T, 10GBase-T, 155Mbps-ATM, 622Mbps
ATM

Standards:

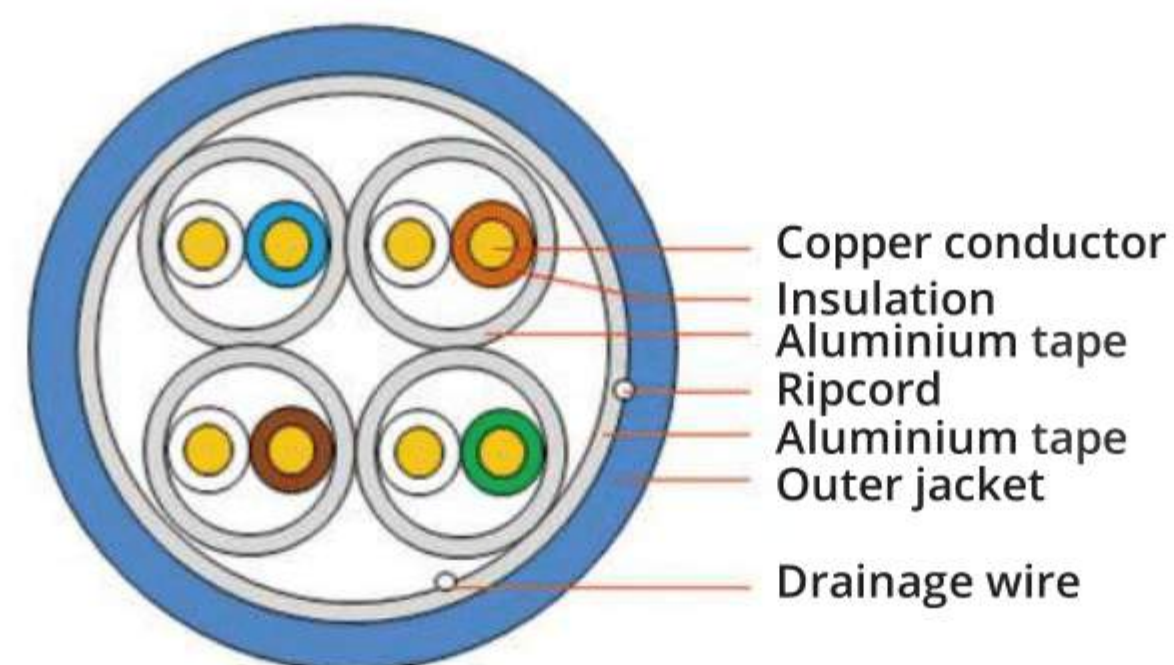
YD/T 1019-2013, IEC61156, EN50288-4-1

Operating Temperature:

-20°C ~ +60°C

Transmission Performance		
Frequency (MHz)	4	600
Attenuation (Max) (dB/100m)	3.7	50.1
NEXT (Min) (dB/100m)	78.0	60.7
ELFEXT (Min) (dB/100m)	78	39.7
RL (Min) (dB)	23	17.3
Phase Velocity (Min) (m. /s)	0.604c	0.623c
Phase Delay (Max) (ns/100m)	552	535

► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication F/FTP CAT7(HSYV7)



Product Description:

F/FTP CAT7 HSYV7 (Category 7, PE Insulation, PVC
jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYV7	23AWG	4	7.8

Horizontal Symmetrical Twist- ed-Pair Cable for Communica- tions Category 7E

Applications:

1000Base-T, 10GBase-T, 155Mbps-ATM, 622Mbps
ATM

Standards:

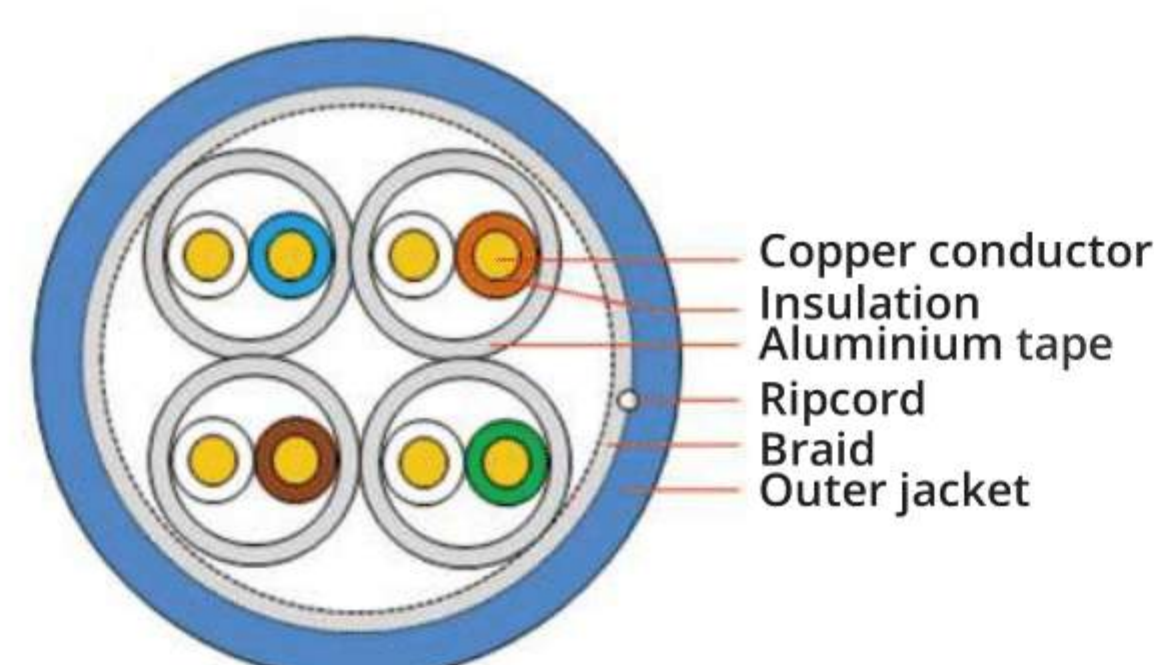
YD/T 1019-2013, IEC61156, EN50288-4-1

Operating Temperature:

-20°C ~ +60°C

Transmission Performance		
Frequency (MHz)	4	1200
Attenuation (Max) (dB/100m)	3.7	74.3
NEXT (Min) (dB/100m)	78.0	56.2
ELFEXT (Min) (dB/100m)	78	32.4
RL (Min) (dB)	23	17.3
Phase Velocity (Min) (m. /s)	0.604c	0.623c
Phase Delay (Max) (ns/100m)	552	535

► Indoor Horizontal Symmetrical Twisted-Pair Cable For Digital Communication S/FTP CAT7A(HSYV7A)



Product Description:

S/FTP CAT7A HSYV7A (Category 7E, PE Insulation,
PVC jacket)

Type	Wire Gauge	Pairs	Diameter(mm)
HSYV7A	23AWG	4	7.8

Municipal Telephone Cable

Standards: YD/T322-2013

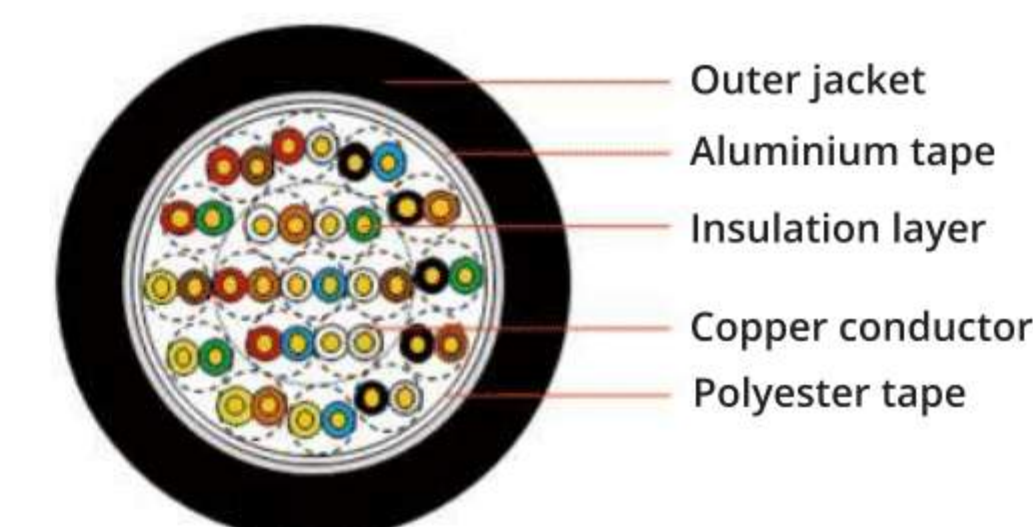
Operating Temperature: -30°C ~ +70°C

Electrical characteristics			
D. C Resistance Unbalance	(Max)5%	Insulation Resistance DC100-500V +20°C(Min)	10000MΩ·km(Non-filling Cable)
	(AvgMax)1.5%		3000MΩ·km(Filling Cable)
Impedance(Avg)	52±2 nF/km (more than 10 pairs)	D. C Resistance20°C(Max)	φ0.4mm-148.0Ω/km
	52±4 nF/km(10 pairs)		φ0.5mm-95.0Ω/km
Insulation Dielectric Strength DC		2kV/3s(Conductor to conductor), 1kV/3s(Conductor to shield)	

► Copper Core, Solid Polyethylene Insulated, Aluminium Shielded, Polyethylene Sheathed City Communication Cable HYA

Product Description:

HYA(Aluminum-polyethylene adhesive jacket)



Pairs	Conductor Diameter(mm)	Diameter (mm)	Weight (kg/km)
10	0.4	9	85
300	0.5	36	1581

► Copper Core, Solid Polyethylene Insulated, Self-Supporting, Aluminium Shielded, Polyeth- ylene Sheathed City Communication Cable HYAC

Product Description:

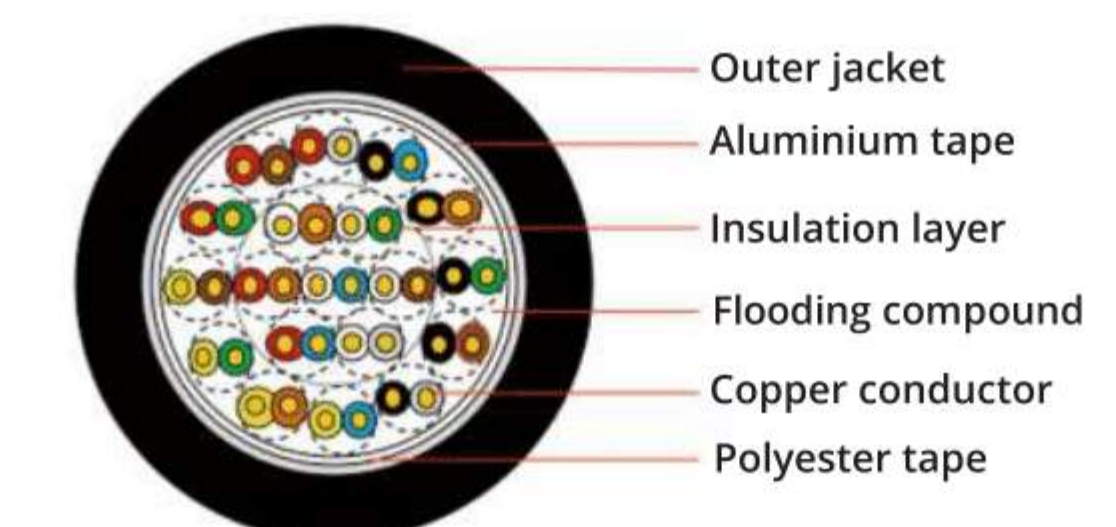
HYAC(Aluminum-polyethylene adhesive jacket,
Self-Supporting)

Pairs	Conductor Diameter(mm)	Diameter (mm)	Weight (kg/km)
10	0.4	9	85
200	0.6	34	2216

► Copper Core, Solid Polyethylene Insulated, Aluminium Shielded, Polyethylene Sheathed City Communication Cable HYAT

Product Description:

HYAT(Aluminum-polyethylene adhesive jacket,
Flooding jelly compound)



Pairs	Conductor Diameter(mm)	Diameter (mm)	Weight (kg/km)
10	0.4	9	85
200	0.5	32	1100

