

ORIENTAL FIBER
LINK TO THE FUTURE

Fiber Optic Cable Manufacturer

- FTTH Drop Cable
- Distribution Cable
- Break-out Cable
- MPO Cable
- ADSS
- Aerial & Duct Cable
- Buried Armoured Cable

Catalog

Fiber Optic Cable



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Simplex Cable

Description

The cable uses a tight fiber wrapped with a layer of aramid yarn as the optical communication medium, and it is completed with an outer sheath.

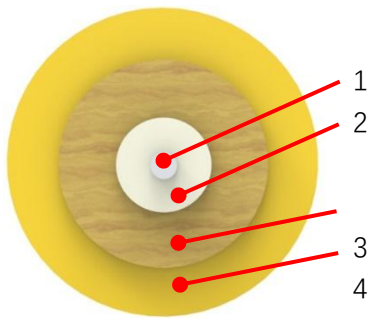
Feature

- Excellent flexibility and bendability
- Aramid yarn makes the cable have excellent tensile strength
- Different flame-retardant grades can be customized

Application

- Indoor cabling
- OFNR or OFNP cable distribution
- Pigtail and patch cord in communication equipments

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	PVC、LSZH、Nylon、Hytrel ...
3	Strength member	Aramid yarn
4	Outer sheath	PVC、LSZH、TPU ...
	Color	It can be customized

Cable Property

Cable Type	Diameter		Tensile Strength		Crush Resistance		Bending Radius (B6)		Bending Radius (Others)	
	Tight buffer	Cable	Long term	Short Term	Long Term	Short Term	Static	Dynamic	Static	Dynamic
	(mm)		(N)		(N/100mm)		(mm)		(mm)	
Φ1.6mm	0.6±0.05	1.60±0.1	40	80	100	500	15	30	30	60
Φ1.8mm	0.6±0.05	1.80±0.1	60	100	100	500	15	30	30	60
Φ2.4mm	0.9±0.05	2.40±0.1	60	100	100	500	15	30	30	60
Φ3.0mm	0.9±0.05	2.85±0.1	80	150	100	500	15	30	30	60

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

Zip Cord Cable

Description

The cable uses two tight buffer fibers wrapped with a layer of aramid yarn separately as the optical communication medium, and it is completed with an outer sheath.

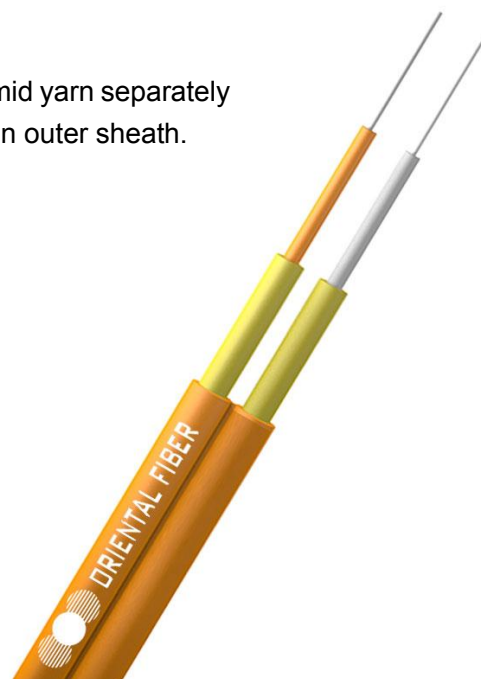
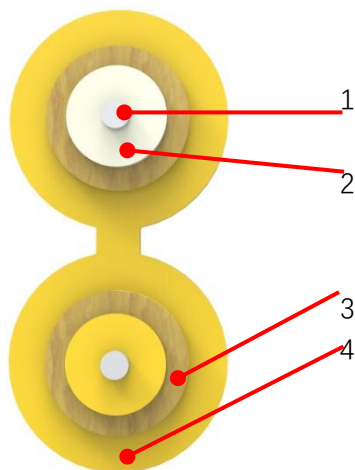
Feature

- Excellent flexibility and bendability
- Aramid yarn makes the cable have excellent tensile strength
- Different flame-retardant grades can be customized

Application

- Indoor cabling
- OFNR or OFNP cable distribution
- Pigtail and patch cord in communication equipment

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	PVC、LSZH、Nylon、Hytrel ...
3	Strength member	Aramid yarn
4	Outer sheath	PVC、LSZH、TPU ...
5	Color	It can be customized

Cable Property

Cable Type	Dimension		Tensile Strength		Crush Resistance		Bending Radius (B6)		Bending Radius (Others)	
	Tight Buffer	Cable	Long Term	Short Term	Long Term	Short Term	Static	Dynamic	Static	Dynamic
	(mm)	(mm)	(N)	(N)	(N/100mm)	(N/100mm)	(mm)	(mm)	(mm)	(mm)
Φ1.6 mm	0.6±0.05	(1.65/3.40) ± 0.10	60	120	100	500	15	30	30	60
Φ1.8 mm	0.6±0.05	(1.80/3.70) ± 0.10	90	150	100	500	15	30	30	60
Φ2.0 mm	0.9±0.05	(1.95/4.00) ± 0.10	90	150	100	500	15	30	30	60
Φ3.0 mm	0.9±0.05	(2.85/5.80) ± 0.10	120	225	100	500	15	30	30	60

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

Flat Fiber Ribbon Cable

Description

The cable uses a fiber ribbon wrapped with a layer of aramid yarn as optical communication medium, and it is completed with a flat outer sheath.

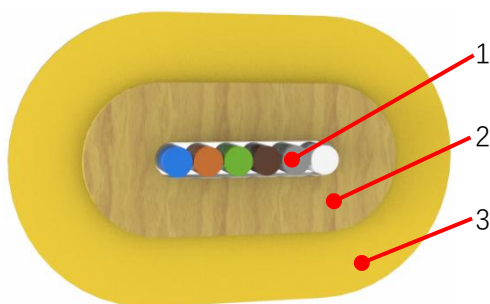
Feature

- High-integrated fiber design, small size and light weight
- Aramid yarn makes the cable have excellent tensile strength
- Different flame-retardant grades can be customized

Application

- Indoor cabling
- Ribbon patch cord and ribbon pigtail
- Interconnection between instruments and communication equipment

Structure & Material



No.	Item	Material
1	Fiber Ribbon	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	Aramid yarn
3	Outer sheath	PVC、LSZH、TPU ...
	Color	It can be customized

Cable Property

Number of Cores	Outer Dimension (Mm)	Tensile Strength		Crush Resistance		Bending Radius	
		Long Term	Short Term	Long Term	Short Term	Static	Dynamic
		(N)		(N/100mm)		(Mm)	
2	(3.5±0.4) / (2.5±0.3)	80	200	200	500	25	50
4	(3.5±0.4) / (2.5±0.3)	80	200	200	500	25	50
6	(4.0±0.4) / (2.5±0.3)	80	200	200	500	25	50
8	(4.5±0.4) / (2.5±0.3)	80	200	200	500	25	50
12	(5.0±0.4) / (2.5±0.3)	80	200	200	500	25	50

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.50	0.40	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

Distribution Cable & Multi-core Distribution Cable

Description

The distribution cable uses some tight buffer fibers wrapped with a layer of aramid yarn as the optical communication medium, and it is completed with an outer sheath.

The distribution cables are stranded around a central strength member, and the multi-core distribution cable is completed with an outer sheath.

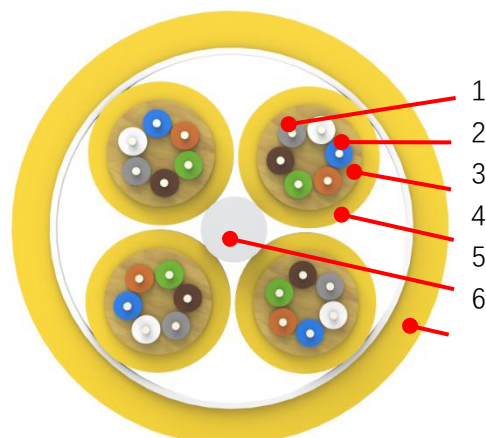
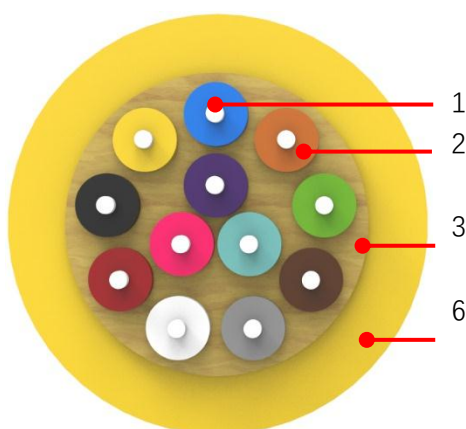
Feature

- Be flexible and easy to branch
- Excellent mechanical performance
- Different flame-retardant grades can be customized

Application

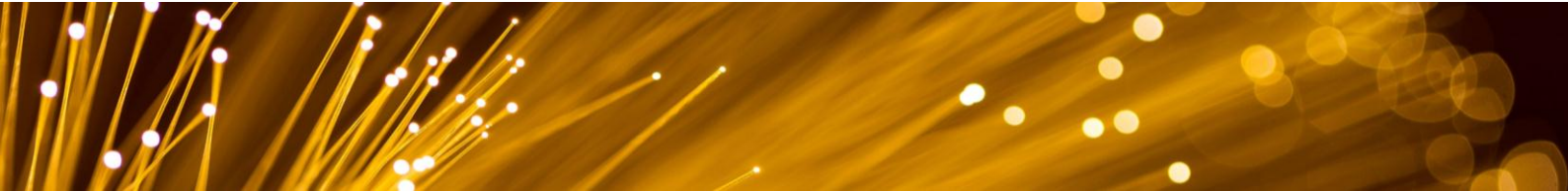
- Indoor premises cabling
- Backbone distribution cable in the buildings
- Multi optical pigtails and patch cords

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	PVC、LSZH、Nylon、Hytrell ...
3	Strength member	Aramid yarn
4	Inner sheath	PVC、LSZH、TPU ...
5	Central strength member	FRP (+ PVC、LSZH)
6	Outer sheath	PVC、LSZH、TPU ...
	Color	It can be customized





Cable Property

Distribution Cable

Number of Cores	Diameter		Tensile Strength		Crush Resistance		Bending Radius	
	Tight Buffer	Cable	Long Term	Short Term	Long Term	Short Term	Static	Dynamic
	(mm)		(N)		(N/100mm)		—	
4	0.9±0.05	4.6±0.3	70	220	200	350	10·D	20·D
6	0.9±0.05	5.0±0.3	130	440	200	1000	10·D	20·D
8	0.9±0.05	5.8±0.3	130	440	200	1000	10·D	20·D
12	0.9±0.05	6.0±0.3	130	440	200	1000	10·D	20·D
24	0.9±0.05	8.3±0.5	200	660	200	1000	10·D	20·D

Multi-core Distribution Cable

Number of Cores	Diameter		Tensile Strength		Crush Resistance		Bending Radius	
	Tight Buffer	Cable	Long Term	Short Term	Long Term	Short Term	Static	Dynamic
	(Mm)		(N)		(N/100mm)		—	
48	0.9±0.05	15.8±0.5	400	1320	300	1000	10·D	20·D
72	0.6±0.05	19.4±0.5	400	1320	300	1000	10·D	20·D
144	0.6±0.05	24.0±0.5	400	1320	300	1000	10·D	20·D

Notes: D = Cable diameter.

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.



Break-out Cable

Description

The simplex cables are stranded around a central strength member, and the cable is completed with an outer sheath.

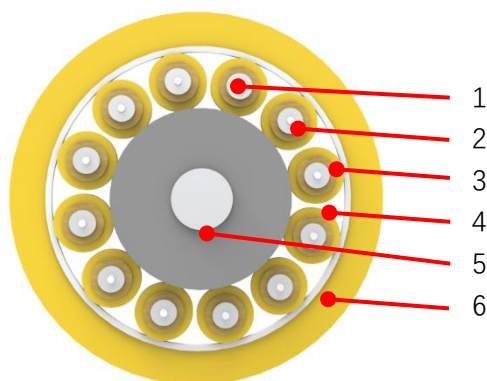
Feature

- Be flexible and easy to branch
- The stranded structure offers more excellent mechanical performance
- Different flame-retardant grades can be customized

Application

- Indoor cabling
- Backbone distribution cable in buildings
- Multi optical pigtail and patchcord

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	PVC、LSZH、nylon、Hytrel ...
3	Strength member	Aramid yarn
4	Inner sheath	PVC、LSZH、TPU ...
5	Central strength member	FRP (+ PVC、LSZH)
6	Outer sheath	PVC、LSZH、TPU ...
	Color	It can be customized

Cable Property

Number of Cores	Diameter			Tensile Strength		Crush Resistance		Bending Radius	
	Tight Buffer	Simplex Cable	Cable	Long Term	Short Term	Long Term	Short Term	Static	Dynamic
	(mm)			(N)		(N/100mm)		—	
4	0.9 ± 0.05	2.85 ± 0.05	9.2 ± 0.4	200	660	300	1000	10·D	20·D
6	0.9 ± 0.05	2.85 ± 0.05	11.4 ± 0.4	200	660	300	1000	10·D	20·D
8	0.9 ± 0.05	2.85 ± 0.05	13.5 ± 0.4	200	660	300	1000	10·D	20·D
12	0.9 ± 0.05	2.85 ± 0.05	17.0 ± 0.4	200	660	300	1000	10·D	20·D
4	0.9 ± 0.05	1.95 ± 0.05	7.5 ± 0.2	200	660	300	1000	10·D	20·D
6	0.9 ± 0.05	1.95 ± 0.05	8.2 ± 0.2	200	660	300	1000	10·D	20·D
8	0.9 ± 0.05	1.95 ± 0.05	9.8 ± 0.2	200	660	300	1000	10·D	20·D
12	0.9 ± 0.05	1.95 ± 0.05	12.5 ± 0.5	200	660	300	1000	10·D	20·D
24	0.9 ± 0.05	1.95 ± 0.05	14.5 ± 0.5	400	1320	300	1000	10·D	20·D
36	0.9 ± 0.05	1.95 ± 0.05	16.4 ± 0.5	400	1320	300	1000	10·D	20·D
48	0.9 ± 0.05	1.95 ± 0.05	19.2 ± 0.5	400	1320	300	1000	10·D	20·D

Notes: D = Cable diameter.

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

MPO Cable

Description

The cable uses colored fiber wrapped with a layer of aramid yarn as the optical communication medium, and it is completed with an outer sheath.

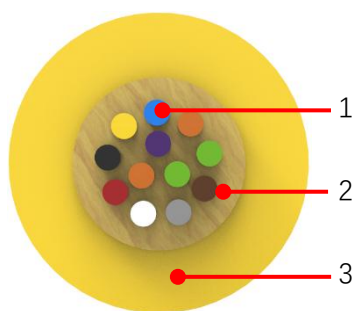
Feature

- Excellent flexibility and bendability
- Aramid yarn makes the cable have excellent tensile strength
- Different flame-retardant grades can be customized

Application

- Indoor cabling
- Multi optical pigtails and patch cords
- Suitable for making MPO connector

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Strength member	Aramid yarn
3	Outer sheath	PVC、LSZH、TPU ...
	Color	It can be customized

Cable Property

Number of Cores	Cable Diameter (mm)	Tensile Strength		Crush Resistance		Bending Radius	
		Long Term	Short Term	Long Term	Short Term	Static	Dynamic
		(N)		(N/100mm)		(mm)	
8	3.0	70	220	100	500	10·D	20·D
12	3.0	70	220	100	500	10·D	20·D
24	3.5	70	220	100	500	10·D	20·D

Notes: D = Cable diameter.

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

Bow-type Drop Cable

Description

The optical fiber unit is positioned in the center, and two parallel strength members are placed at the two sides, then the cable is completed with a PVC or LSZH sheath.

Feature

- Excellent mechanical property
- Simple structure, light weight and high practicability
- The fluted design makes it easy for stripping and splicing

Application

- Indoor cabling
- FTTH (Fiber To The Home)
- Pre-terminated in the factory

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2) ...
2	Strength member	Steel wire, FRP, KFRP
3	Outer sheath	PVC、LSZH ...
	Color	White or black

Cable Property

Cable Type	Dimension	Tensile Strength		Crush Resistance		Bending Radius (B6)		Bending Radius (B1.3)	
		Long Term	Short Term	Long Term	Short Term	Static	Dynamic	Static	Dynamic
	(Mm)	(N)		(N/100mm)		(Mm)		(Mm)	
GJXFV – 1/2/4	2.0×3.0	40	80	500	1000	20	40	30	60
GJXFH – 1/2/4	2.0×3.0	40	80	500	1000	20	40	30	60
GJXV – 1/2/4	2.0×3.0	60	120	1000	2200	20	40	30	60
GJX – 1/2/4	2.0×3.0	60	120	1000	2200	20	40	30	60

Fiber Characteristic

Fiber Type	Attenuation (Max)		Macro Bend Loss (Max)				
	1310nm	1550nm	Φ30mm 10 (Turn)	Φ20mm 1 (Turn)	Φ15mm 1 (Turn)	Φ32mm 1 (Turn)	Φ60mm 100 (Turn)
	(Db/Km)		(Db)				
G.652 D	0.40	0.30	N/A	N/A	N/A	0.05 @1550nm	0.1 @1625nm
G.657 A1	0.40	0.30	0.25 @1550nm 1.00 @1625nm	0.75 @1550nm 1.50 @1625nm	N/A	N/A	N/A
G.657 A2	0.40	0.30	0.03 @1550nm 0.10 @1625nm	0.1 @1550nm 0.2 @1625nm	0.5 @1550nm 1.0 @1625nm	N/A	N/A

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

Self-supporting Bow-type Drop Cable

Description

The optical fiber unit is positioned in the center, two parallel strength members are placed at the two sides, and a steel (stranded) wire as the additional strength member is also applied, then the cable is completed with a LSZH sheath.

Feature

- Excellent temperature performance
- Simple structure, light weight and high practicability
- The fluted design makes it easy for stripping and splicing

Application

- FTTH (Fiber To The Home)
- Pre-terminated in the factory
- Especially suitable for last mile aerial connectivity

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (6a1), G.657A2 (B6a2) ...
2	Strength member	Steel wire, FRP, KFRP
3	Supporting strength member	Steel (stranded) wire
4	Outer sheath	LSZH
	Color	Black

Cable Property

Cable Type	Dimension (mm)	Tensile Strength		Crush Resistance		Bending Radius (B6)		Bending Radius (B1.3)	
		Long Term	Short Term	Long Term	Short Term	Static	Dynamic	Static	Dynamic
		(N)		(N/100mm)		(mm)		(mm)	
GJYXFCH – 1/2/4	2.0×3.0 - 5.3	300	600	1000	2200	20	40	30	60
GJYXCH – 1/2/4	2.0×3.0 - 5.3	300	600	1000	2200	20	40	30	60

Fiber Characteristic

Fiber Type	Attenuation (Max)		Macro Bend Loss (Max)				
	1310nm	1550nm	Φ30mm 10 (turn)	Φ20mm 1 (turn)	Φ15mm 1 (turn)	Φ32mm 1 (turn)	Φ60mm 100 (turn)
	(dB/km)		(dB)				
G.652 D	0.40	0.30	N/a	N/a	N/a	0.05 @1550nm	0.1 @1625nm
G.657 A1	0.40	0.30	0.25 @1550nm 1.00 @1625nm	0.75 @1550nm 1.50 @1625nm	N/a	N/a	N/a
G.657 A2	0.40	0.30	0.03 @1550nm 0.10 @1625nm	0.1 @1550nm 0.2 @1625nm	0.5 @1550nm 1.0 @1625nm	N/a	N/a

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-40℃ — +60℃	-30℃ — +50℃	-40℃ — +60℃	RoHS

* All values above can be customized.

Round Drop Cable

Description

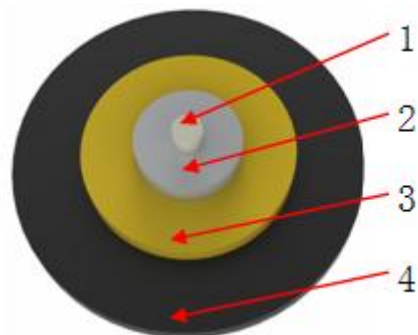
The cable uses a tight buffer fiber wrapped with a layer of aramid yarn as the optical communication medium, and it is completed with an outer sheath.

Feature

- Excellent flexibility and bendability
- The aramid yarn makes the cable have excellent tensile strength
- Different flame-retardant grades can be customized

Application

- FTTH (Fiber To The Home)
- Pre-terminated in the factory
- Indoor cabling and outdoor aerial connectivity



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2) ...
2	Tight buffer	PVC、LSZH
3	Strength member	Aramid yarn
4	Outer sheath	LSZH
	Color	White or Black

Cable Property

Cable Type	Diameter		Tensile Strength		Crush Resistance		Bending Radius					
	Tight Buffer	Cable	Long Term	Short Term	Long Term	Short Term	B6a2		B6a1		B1.3	
							Static	Dynamic	Static	Dynamic	Static	Dynamic
	(mm)		(N)		(N/100mm)		(mm)				(mm)	
GJRH - 1	0.90	2.5	80	150	500	1000	15	30	20	40	30	60
GJYRH - 1	0.90	3.0	200	400	1000	2200	15	30	20	40	30	60

Fiber Characteristic

Fiber Type	Attenuation (Max)		Macro Bend Loss (Max)				
	1310nm	1550nm	Φ30mm 10 (turn)	Φ20mm 1 (turn)	Φ15mm 1 (turn)	Φ32mm 1 (turn)	Φ60mm 100 (turn)
	(dB/km)		(dB)				
G.652 D	0.38	0.28	N/a	N/a	N/a	0.05 @1550nm	0.1@1625nm
G.657 A1	0.38	0.28	0.25 @1550nm 1.00 @1625nm	0.75 @1550nm 1.50 @1625nm	N/a	N/a	N/a
G.657 A2	0.38	0.28	0.03 @1550nm 0.10 @1625nm	0.1 @1550nm 0.2 @1625nm	0.5 @1550nm 1.0 @1625nm	N/a	N/a

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

Self-supporting Round Drop Cable

Description

The cable uses one or two tight buffer fiber(s) wrapped with a layer of aramid yarn as the optical communication medium, and a steel (stranded) wire as the additional strength member is applied, then it is completed with an outer sheath.

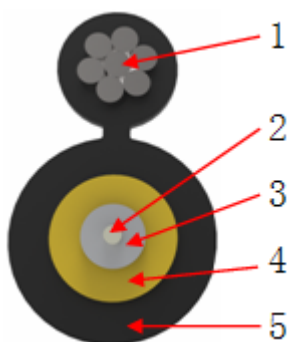
Feature

- Excellent tensile strength
- Excellent flexibility and bendability
- Different flame-retardant grades can be customized

Application

- FTTH (Fiber To The Home)
- Pre-terminated in the factory
- Especially suitable for last mile aerial connectivity

Structure & Material



No.	Item	Material
1	Supporting strength member	Steel (stranded) wire
2	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2) ...
3	Tight buffer	PVC、LSZH
4	Strength member	Aramid yarn
5	Outer sheath	LSZH
	Color	Black



Cable Property

Cable Type	Diameter		Tensile Strength		Crush Resistance		Bending Radius					
	Tight Buffer	Cable	Long Term	Short Term	Long Term	Short Term	B6a2		B6a1		B1.3	
							Static	Dynamic	Static	Dynamic	Static	Dynamic
	(mm)		(N)		(N/100mm)		(mm)				(mm)	
GJYRCH-1	0.90	3.5 - 6.2	300	600	1000	2200	15	30	20	40	30	60
GJYRCH-2	0.60	3.5 - 6.2	300	600	1000	2200	35	70	35	70	35	70

Fiber Characteristic

Fiber Type	Attenuation (Max)		Macro Bend Loss (Max)				
	1310nm	1550nm	Φ30mm 10 (turns)	Φ20mm 1 (turn)	Φ15mm 1 (turn)	Φ32mm 1 (turn)	Φ60mm 100 (turns)
	(dB/km)		(dB)				
G.652 D	0.38	0.28	N/a	N/a	N/a	0.05 @1550nm	0.1 @1625nm
G.657 A1	0.38	0.28	0.25 @1550nm 1.00 @1625nm	0.75 @1550nm 1.50 @1625nm	N/a	N/a	N/a
G.657 A2	0.38	0.28	0.03 @1550nm 0.10 @1625nm	0.1 @1550nm 0.2 @1625nm	0.5 @1550nm 1.0 @1625nm	N/a	N/a

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-40℃ — +60℃	-30℃ — +50℃	-40℃ — +60℃	RoHS

※ All values above can be customized.

Bow-type Drop Cable for Duct

Description

The bow-type drop cable is positioned in the center, two parallel additional strength members are placed at the two sides, and it is wrapped with a layer of water-blocking tape, then it is completed with an outer sheath.

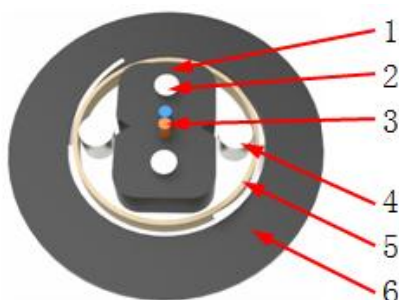
Feature

- Dry structure and water blocking
- Excellent tensile and crush resistance
- The fluted design makes it easy for stripping and splicing

Application

- Cabling in duct
- FTTH (Fiber To The Home)
- Pre-terminated in the factory

Structure & Material



No.	Item	Material
1	Inner sheath	PVC、LSZH
2	Strength member	Steel wire, FRP, KFRP
3	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2) ...
4	Supporting strength member	Steel wire, FRP
5	Water-blocking material	Water-blocking tape
6	Outer sheath	LSZH、PE
	Color	Black

Cable Property

Cable Type	Dimension		Tensile Strength		Crush Resistance		Bending Radius	
	Unit	Cable	Long term	Short term	Long term	Short term	Static	Dynamic
	(mm)		(N)		(N/100mm)		—	
GJYXFH03 – 1/2/4	2.0×3.0	6.2	300	600	1000	2200	10·D	20·D
GJYXH03 – 1/2/4	2.0×3.0	6.2	300	600	1000	2200	10·D	20·D

Fiber Characteristic

Fiber Type	Attenuation (Max)		Macro Bend Loss (Max)				
	1310nm	1550nm	Φ30mm 10 (turns)	Φ20mm 1 (turn)	Φ15mm 1 (turn)	Φ32mm 1 (turn)	Φ60mm 100 (turn)
	(dB/km)		(dB)				
G.652 D	0.40	0.30	N/a	N/a	N/a	0.05 @1550nm	0.1 @1625nm
G.657 A1	0.40	0.30	0.25 @1550nm 1.00 @1625nm	0.75 @1550nm 1.50 @1625nm	N/a	N/a	N/a
G.657 A2	0.40	0.30	0.03 @1550nm 0.10 @1625nm	0.1 @1550nm 0.2 @1625nm	0.5 @1550nm 1.0 @1625nm	N/a	N/a

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-40℃ — +60℃	-30℃ — +50℃	-40℃ — +60℃	RoHS

※ All values above can be customized.

Armored Bow-type Drop Cable for Duct

Description

The bow-type drop cable is positioned in the center, two parallel additional strength members are placed at the two sides, and it is wrapped with a layer of water-blocking tape and aluminum armored tape, then the cable is completed with an outer sheath.

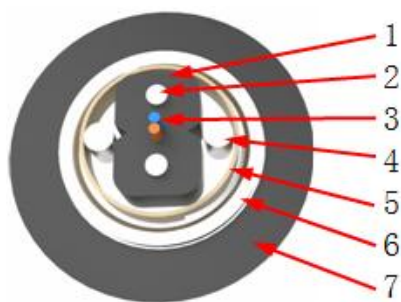
Feature

- Dry structure and water blocking
- Excellent tensile and crush resistance
- Flute design makes it easy for stripping and splicing

Application

- Cabling in duct
- FTTH (Fiber To The Home)
- Pre-terminated in the factory

Structure & Material



No.	Item	Material
1	Inner sheath	PVC、LSZH
2	Strength member	Steel wire, FRP, KFRP
3	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2) ...
4	Supporting strength member	Steel wire, FRP
5	Water-blocking material	Water-blocking tape
6	Armored layer	Aluminum tape
7	Outer sheath	LSZH、PE
	Color	Black



Cable Property

Cable Type	Dimension		Tensile Strength		Crush Resistance		Bending Radius	
	Unit	Cable	Long term	Short term	Long term	Short term	Static	Dynamic
	(mm)		(N)		(N/100mm)		—	
GJYXFHA – 1/2/4	2.0×3.0	7.5	300	600	1000	2200	10·D	20·D
GJYXHA – 1/2/4	2.0×3.0	7.5	300	600	1000	2200	10·D	20·D

Fiber Characteristic

Fiber Type	Attenuation (Max)		Macro Bend Loss (Max)				
	1310nm	1550nm	Φ30mm 10 (turns)	Φ20mm 1 (turn)	Φ15mm 1 (turn)	Φ32mm 1 (turn)	Φ60mm 100 (turns)
	(dB/km)		(dB)				
G.652 D	0.40	0.30	N/a	N/a	N/a	0.05 @1550nm	0.1@1625nm
G.657 A1	0.40	0.30	0.25 @1550nm 1.00 @1625nm	0.75 @1550nm 1.50 @1625nm	N/a	N/a	N/a
G.657 A2	0.40	0.30	0.03 @1550nm 0.10 @1625nm	0.1 @1550nm 0.2 @1625nm	0.5 @1550nm 1.0 @1625nm	N/a	N/a

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-40℃ — +60℃	-30℃ — +50℃	-40℃ — +60℃	RoHS

※ All values above can be customized.

Military Cable / Emergent Cable

Description

The tight buffer fibers are stranded around a central strength member, and they are wrapped with a layer of aramid yarn, then the cable is completed with an outer sheath.

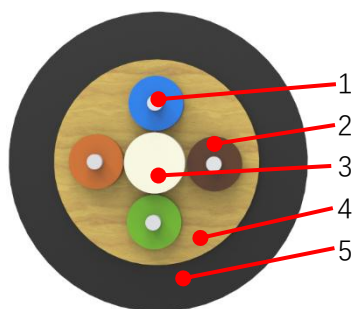
Feature

- Compact, lightweight and flexible
- Aramid yarn makes the cable have excellent tensile strength
- Excellent in bending crush resistance and corrosion resistance

Application

- Cabling in the harsh environment
- Temporary cabling and emergency cabling
- Communication between radars or in oil field

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	Nylon、Hytrell ...
3	Central strength member	FRP
4	Strength member	Aramid yarn
5	Outer sheath	TPU ...
	Color	Black

Cable Property

Number of Cores	Diameter		Tensile Strength		Crush Resistance		Bending Radius	
	Tight Buffer	Cable	Long Term	Short Term	Long Term	Short Term	Static	Dynamic
	(mm)	(mm)	(N)		(N/100mm)		(mm)	
2	0.9±0.05	5.0±0.2	800	1800	5000	20000	10·D	20·D
4	0.9±0.05	5.0±0.2	800	1800	5000	20000	10·D	20·D
6	0.9±0.05	6.0±0.2	800	1800	5000	20000	10·D	20·D

Notes: D = Cable diameter.

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-40℃ — +70℃	-20℃ — +60℃	-30℃ — +60℃	RoHS

※ All values above can be customized.

RRU Cable

Description

The cable uses some simplex cables as the optical communication medium, and it is completed with an outer sheath.

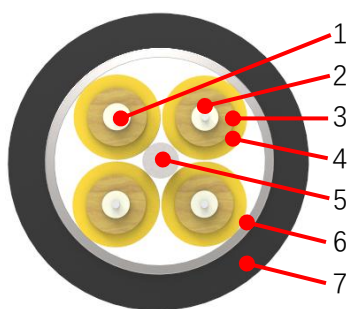
Feature

- The simplex cables can be terminated separately
- The aramid yarn provides excellent tensile strength
- The non-metal design prevents the electromagnetic interference

Application

- Indoor cabling
- RRU cabling
- Pigtail and patch cord in communication equipment

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	PVC、LSZH ...
3	Strength member	Aramid yarn
4	Inner sheath	PVC、LSZH ...
5	Filler	Aramid yarn coated with LSZH or PVC
6	Outer sheath	LSZH
	Color	Black



Cable Property

Number of Cores	Diameter			Tensile Strength		Crush Resistance		Bending Radius	
	Tight buffer	Simplex cable	Cable	Long term	Short term	Long term	Short term	Static	Dynamic
	(mm)	(mm)	(mm)	(N)	(N)	(N/100mm)	(N/100mm)	(mm)	(mm)
2	0.9±0.05	1.90 ± 0.05	7.0±0.2	200	660	300	1000	10·D	20·D
4	0.9±0.05	1.90 ± 0.05	7.0±0.2	200	660	300	1000	10·D	20·D
6	0.9±0.05	1.90 ± 0.05	12.8±0.4	200	660	300	1000	10·D	20·D
8	0.9±0.05	1.90 ± 0.05	12.8±0.4	200	660	300	1000	10·D	20·D
12	0.9±0.05	1.90 ± 0.05	15.0±0.4	200	660	300	1000	10·D	20·D

Notes: D = Cable diameter.

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)	(dB/km)	(dB/km)	(dB/km)	(MHz·km)	(MHz·km)
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-40℃ — +80℃	-30℃ — +70℃	-40℃ — +80℃	RoHS

※ All values above can be customized.

Indoor Armored Cable

Description

The simplex cables are stranded around a strength member, and the cable is completed with an armored sheath.

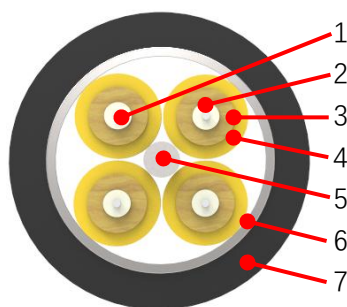
Feature

- The simplex cables can be terminated separately
- The armored layer provides excellent crush resistance
- The central steel wire provides excellent tensile strength

Application

- Indoor cabling
- Pre-terminated in the factory
- Pigtail and patch cord in communication equipment

Structure & Material



No.	Item	Material
1	Fiber	G.652D (B1.3), G.657A1 (B6a1), G.657A2 (B6a2), 50/125μm (A1a), 62.5/125μm (A1b) ...
2	Tight buffer	PVC、LSZH ...
3	Strength member	Aramid yarn
4	Inner sheath	PVC、LSZH ...
5	Central strength member	Steel wire
6	Armored layer	Aluminum tape
7	Outer sheath	LSZH、PE
	Color	Black



Cable Property

Number of Cores	Diameter			Tensile Strength		Crush Resistance		Bending Radius	
	Tight Buffer	Simplex Cable	Cable	Long Term	Short Term	Long Term	Short Term	Static	Dynamic
	(mm)	(mm)	(mm)	(N)	(N)	(N/100mm)	(N/100mm)	(mm)	(mm)
2	0.9±0.05	2.85 ± 0.05	11.6±0.05	200	660	300	1000	10·D	20·D
4	0.9±0.05	2.85 ± 0.05	11.6±0.05	200	660	300	1000	10·D	20·D

Notes: D = Cable diameter.

Fiber Characteristic

Fiber Type		Attenuation (Max)				Bandwidth (Min)	
		850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm
		(dB/km)				(MHz·km)	
SMF	B1.3, B6	—	—	0.40	0.30	—	—
MMF	A1a	3.5	1.5	—	—	200~800	200~1200
MMF	A1b	3.5	1.5	—	—	160~800	200~1000

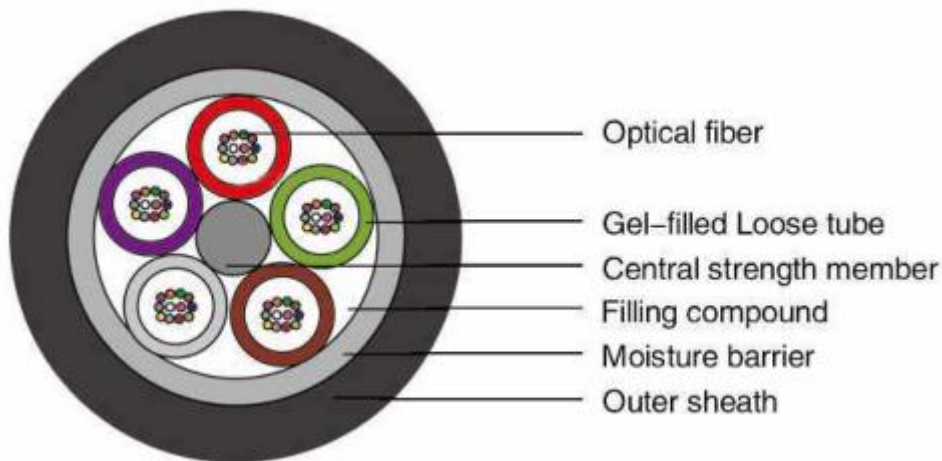
Environmental Performance

Transportation & Storage	Installation	Operation	Remarks
-20℃ — +60℃	-10℃ — +50℃	-20℃ — +60℃	RoHS

※ All values above can be customized.

Duct and Non-Self Supporting Aerial Cable GYTA

Structure



Feature

- Excellent mechanical and environmental performance
- Excellent moisture resistance performance
- Easy to install
- Gel-filled loose tube protects the fiber well

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

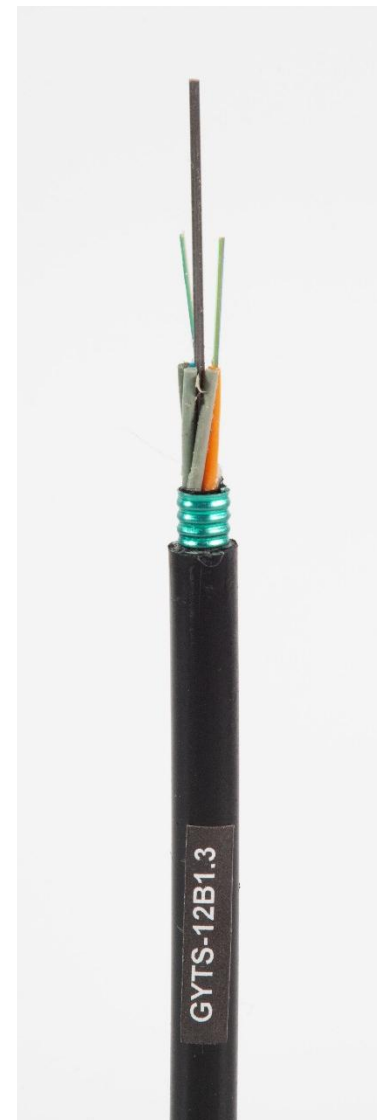
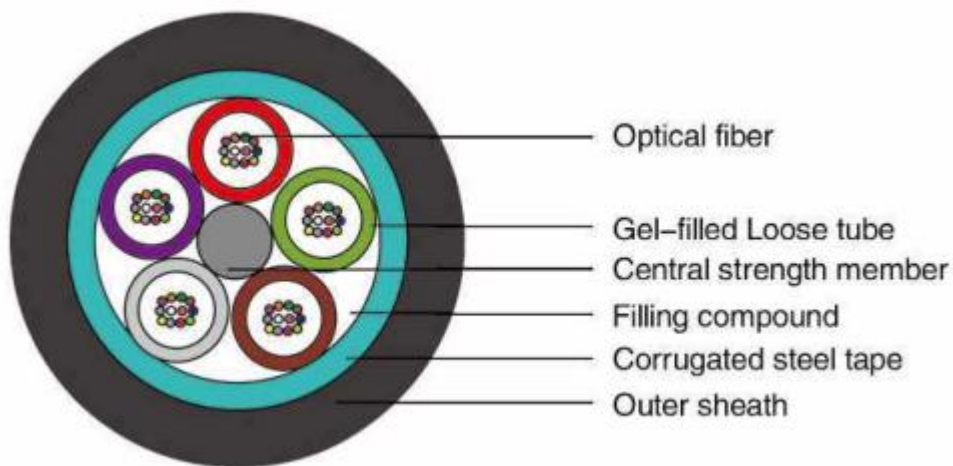
Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYTA	30	1500	600	1000	300	20D	10D	8.9	75
GYTA	36	1500	600	1000	300	20D	10D	9.3	88
GYTA	60	1500	600	1000	300	20D	10D	9.9	93
GYTA	72	1500	600	1000	300	20D	10D	10.5	116
GYTA	96	1500	600	1000	300	20D	10D	12.1	145
GYTA	120	1500	600	1000	300	20D	10D	13.5	172
GYTA	144	1500	600	1000	300	20D	10D	15.0	204

※ Remark:

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

Duct and Non-Self Supporting Aerial Cable GYTS

Structure



Feature

- Excellent mechanical and environmental performance
- Excellent moisture resistance performance
- Easy to install
- Gel-filled loose tube protects the fiber well

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

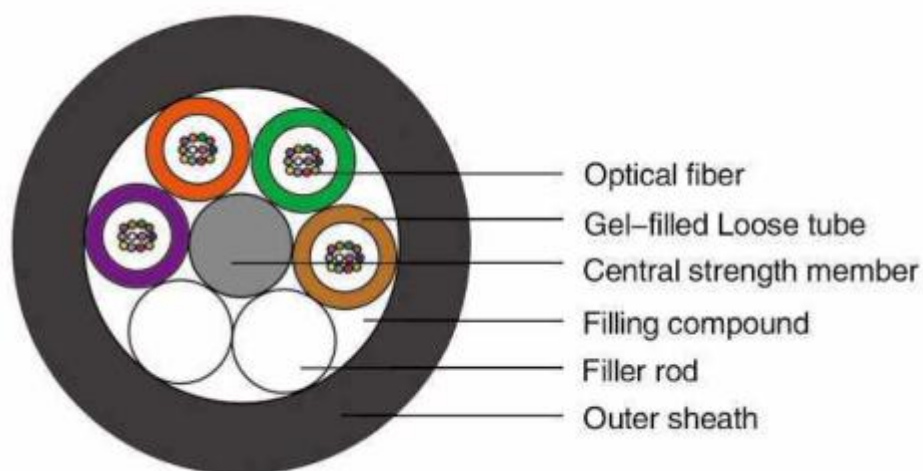
Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYTS	30	1500	600	1000	300	20D	10D	9.1	92
GYTS	36	1500	600	1000	300	20D	10D	9.4	105
GYTS	60	1500	600	1000	300	20D	10D	10.0	112
GYTS	72	1500	600	1000	300	20D	10D	10.6	136
GYTS	96	1500	600	1000	300	20D	10D	12.1	165
GYTS	120	1500	600	1000	300	20D	10D	13.5	195
GYTS	144	1500	600	1000	300	20D	10D	15.0	231

※ Remark:

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

Duct and Non-Self Supporting Aerial Cable GYFTY

Structure



Feature

- Excellent mechanical and environmental performance
- Excellent moisture resistance performance
- Easy to install
- Gel-filled loose tube protects the fiber well
- Perfect lighting protection effect with all-dielectric materials

Standard

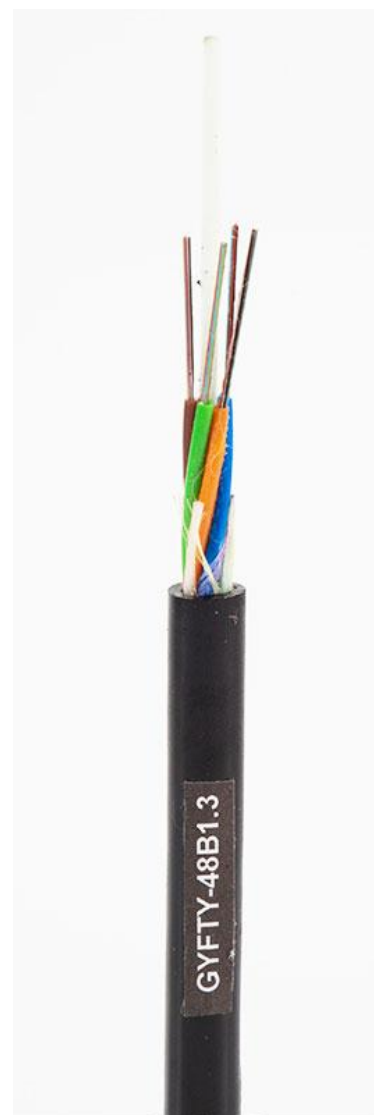
The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYFTY	36	1500	600	1000	300	20D	10D	9.7	79
GYFTY	48	1500	600	1000	300	20D	10D	10.9	105
GYFTY	72	1500	600	1000	300	20D	10D	11.1	103
GYFTY	96	1500	600	1000	300	20D	10D	12.7	136
GYFTY	120	1500	600	1000	300	20D	10D	14.2	167
GYFTY	144	1500	600	1000	300	20D	10D	15.9	204
GYFTY	288	1500	600	1000	300	20D	10D	18.3	270

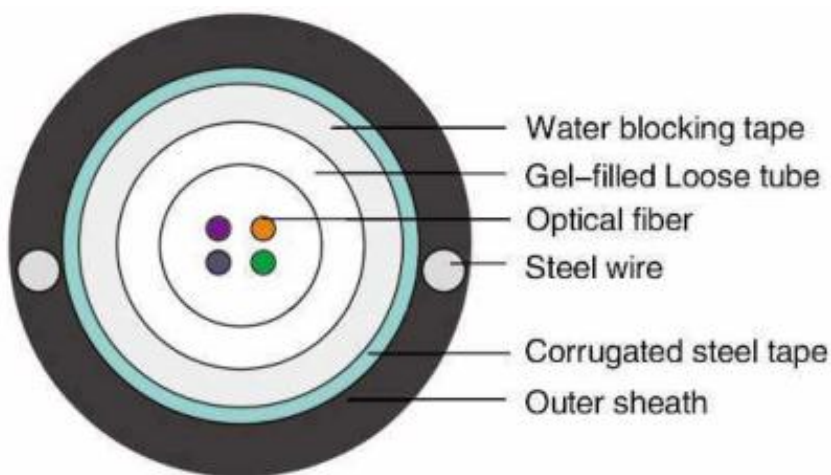
※ Remark:

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



Duct and Non-Self Supporting Aerial Cable GYXTW

Structure



Feature

- Excellent mechanical and environmental performance
- Good crush resistance
- Easy to install
- Gel-filled loose tube protects the fiber well
- Good waterproof performance

Standard

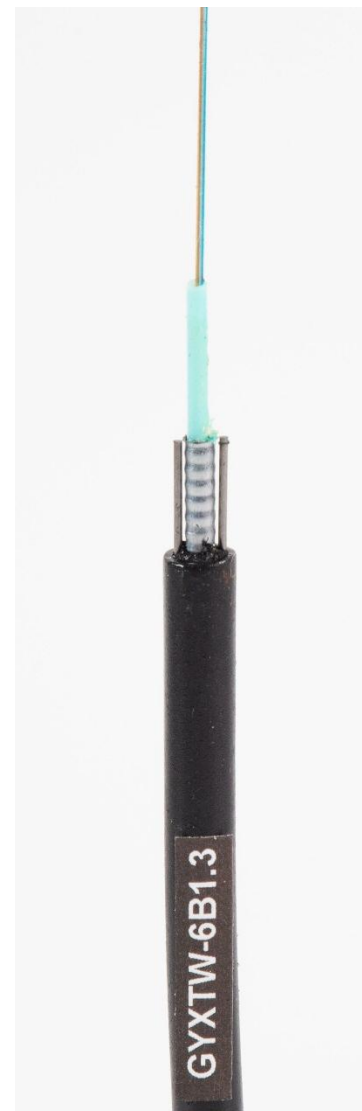
The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYXTW	6	1500	600	1000	300	20D	10D	8.3	74
GYXTW	12	1500	600	1000	300	20D	10D	8.5	75
GYXTW	18	1500	600	1000	300	20D	10D	8.9	83
GYXTW	24	1500	600	1000	300	20D	10D	9.3	87
GYXTW	6	3000	1000	1000	300	20D	10D	9.2	98
GYXTW	12	3000	1000	1000	300	20D	10D	9.4	99
GYXTW	18	3000	1000	1000	300	20D	10D	9.8	109

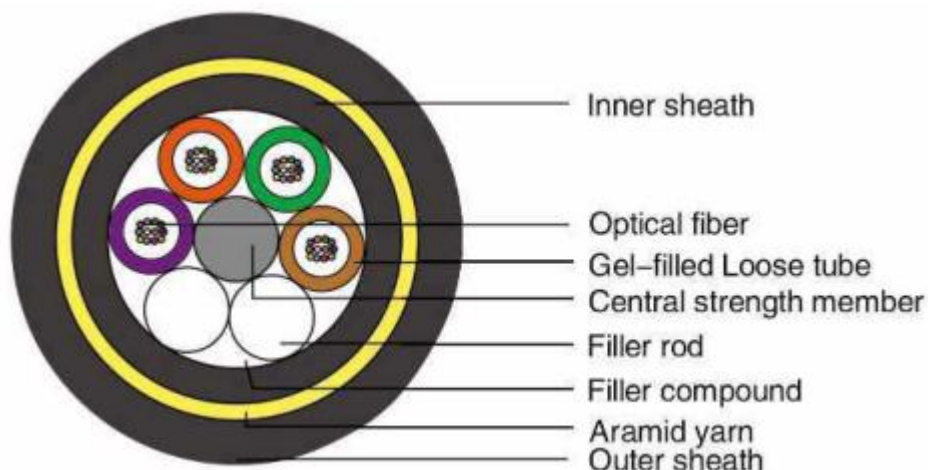
※ Remark:

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



All Dielectric Self-Supporting Aerial Optic Fiber Cable ADSS

Structure



Feature

- Excellent mechanical and environmental performance
- Good waterproof performance
- Gel-filled loose tube protect the fiber well
- All dielectric material good for application in thunder area
- Light weight and small diameter reducing the load caused by ice and wind the load on towers and backprops
- Large span lengths and the largest span is over 1000m

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		RST	MAT	Short Term	Long Term	Dynamic	Static		
ADSS	24	40000	16000	2200	1000	25D	12.5D	13.4	145
ADSS	36	40000	16000	2200	1000	25D	12.5D	13.9	155
ADSS	72	40000	16000	2200	1000	25D	12.5D	14.8	182
ADSS	96	40000	16000	2200	1000	25D	12.5D	16.4	220
ADSS	120	40000	16000	2200	1000	25D	12.5D	18.0	262
ADSS	144	40000	16000	2200	1000	25D	12.5D	18.9	290

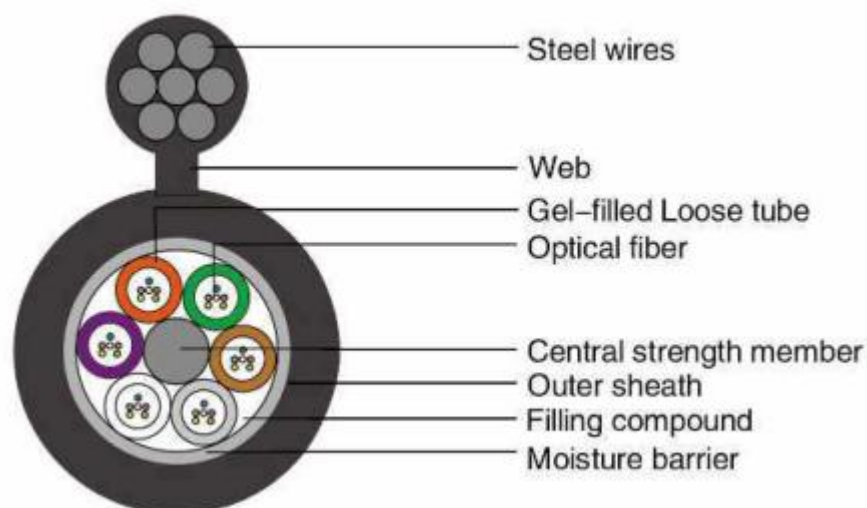
※ Remark:

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



FIG 8 Self-supporting Aerial Optical Fiber Cable GYTC8A

Structure



Feature

- Excellent mechanical and environmental performance
- Good waterproof performance
- Gel-filled loose tube protect the fiber well
- High tensile strength of stranded wires meet the requirement of self-supporting

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

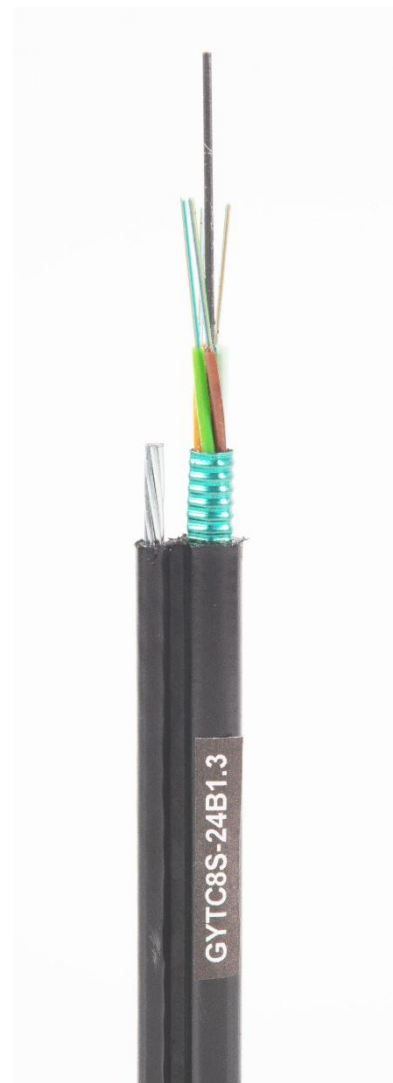
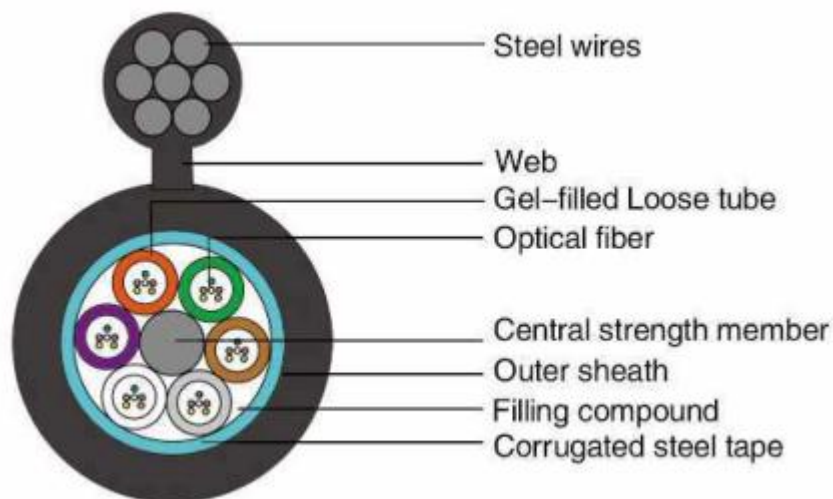
Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYTC8A	30	3000	1000	1000	300	20D	10D	9.1*16.9	142
GYTC8A	60	3000	1000	1000	300	20D	10D	10.1*17.9	165
GYTC8A	30	4500	1500	1000	300	20D	10D	9.1*17.5	164
GYTC8A	60	4500	1500	1000	300	20D	10D	10.1*18.5	187
GYTC8A	30	7000	2000	1000	300	20D	10D	9.1*18.7	222
GYTC8A	60	7000	2000	1000	300	20D	10D	10.1*19.7	245

※ Remark:

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

FIG 8 Self-supporting Aerial Optical Fiber Cable GYTC8S

Structure



Feature

- Excellent mechanical and environmental performance
- Good waterproof performance
- Gel-filled loose tube protect the fiber well
- High tensile strength of stranded wires meet the requirement of self-supporting

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

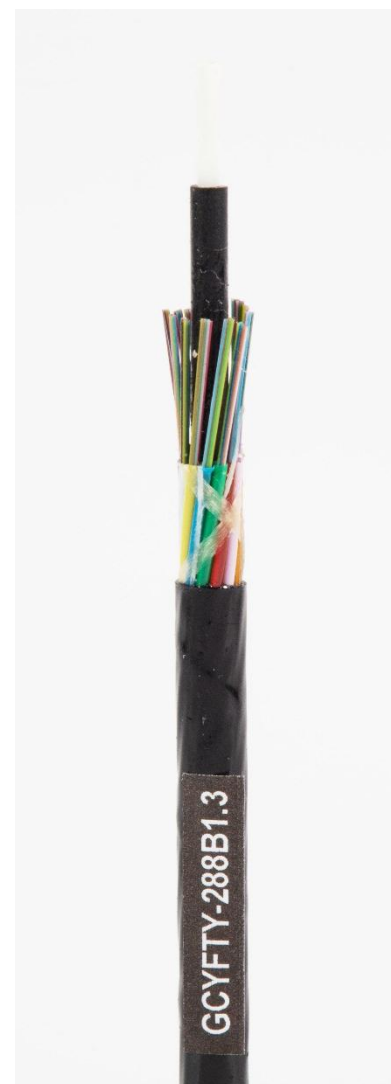
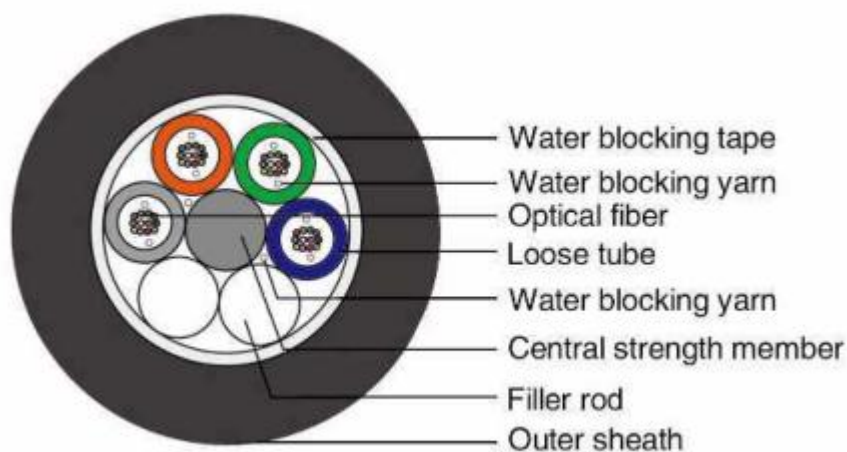
Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYTC8S	30	3000	1000	1000	300	20D	10D	9.1*16.9	156
GYTC8S	60	3000	1000	1000	300	20D	10D	10.1*17.9	182
GYTC8S	30	4500	1500	1000	300	20D	10D	9.1*17.5	178
GYTC8S	60	4500	1500	1000	300	20D	10D	10.1*18.5	204
GYTC8S	30	7000	2000	1000	300	20D	10D	9.1*18.7	236
GYTC8S	60	7000	2000	1000	300	20D	10D	10.1*19.7	261

※ Remark:

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

Micro Air-Blowing Duct Optic Fiber Cable GCYFTY

Structure



Feature

- Increase fiber quantity in cable
- Small diameter
- Good flexibility
- Light weight is easy to install
- Good waterproof performance

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GCYFTY	48	0.5G	0.15G	450	150	20D	10D	5.0	23
GCYFTY	60	0.5G	0.15G	450	150	20D	10D	5.4	30
GCYFTY	72	0.5G	0.15G	450	150	20D	10D	6.0	35
GCYFTY	96	0.5G	0.15G	450	150	20D	10D	7.0	46
GCYFTY	120	0.5G	0.15G	450	150	20D	10D	8.0	58
GCYFTY	144	0.5G	0.15G	450	150	20D	10D	9.0	73

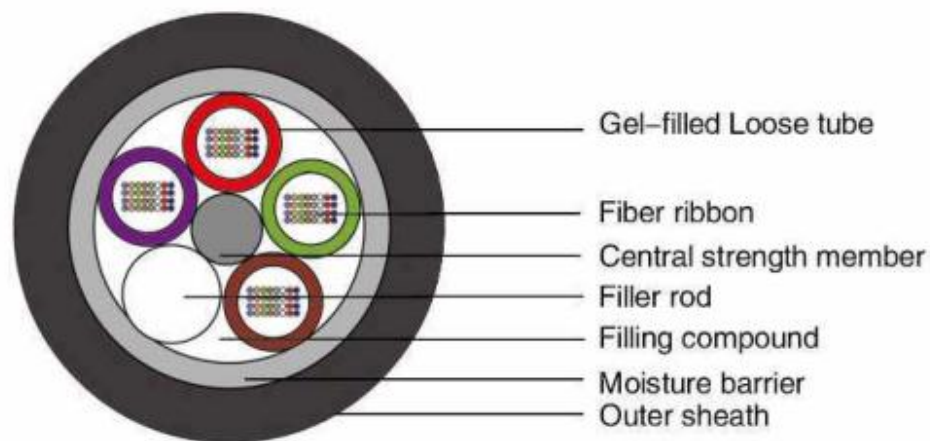
※ Remark:

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

Ribbon Fiber Optic Fiber Cable

GYDTA

Structure



Feature

- Increase fiber quantity in cable
- Gel-filled loose tube protects the fiber well
- Excellent mechanical and environmental performance
- Good waterproof performance

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYDTA	144	1500	600	1000	300	20D	10D	16.8	246
GYDTA	192	1500	600	1000	300	20D	10D	17.4	273
GYDTA	216	1500	600	1000	300	20D	10D	19.6	328
GYDTA	288	1500	600	1000	300	20D	10D	18.5	313
GYDTA	432	1500	600	1000	300	20D	10D	21.7	418
GYDTA	576	1500	600	1000	300	20D	10D	22.3	439

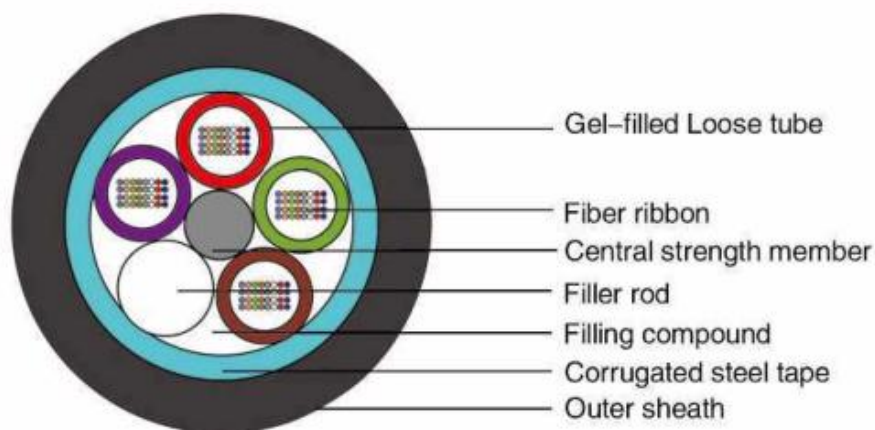
※ Remark:

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

Ribbon Fiber Optic Fiber Cable

GYDTS

Structure



Feature

- Increase fiber quantity in cable
- Gel-filled loose tube protects the fiber well
- Excellent mechanical and environmental performance
- Good waterproof performance

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYDTS	144	1500	600	1000	300	20D	10D	16.8	246
GYDTS	192	1500	600	1000	300	20D	10D	17.4	273
GYDTS	216	1500	600	1000	300	20D	10D	19.6	328
GYDTS	288	1500	600	1000	300	20D	10D	18.5	313
GYDTS	432	1500	600	1000	300	20D	10D	21.7	418
GYDTS	576	1500	600	1000	300	20D	10D	22.3	439

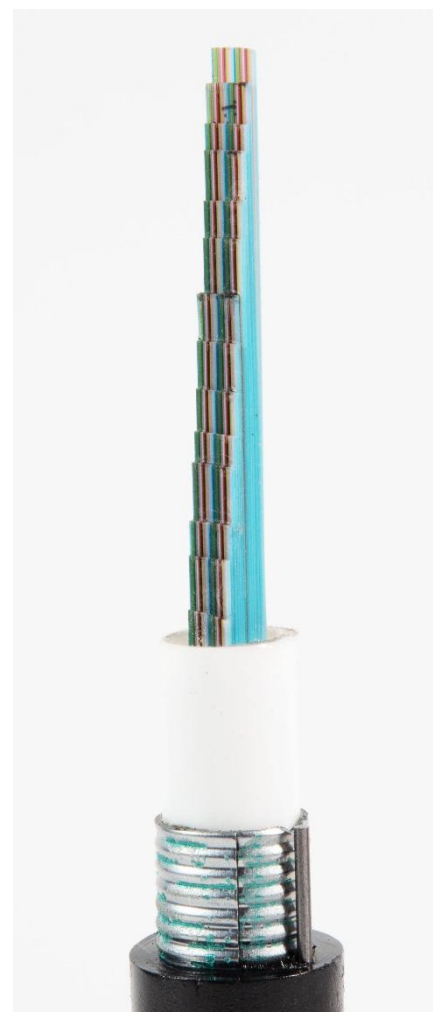
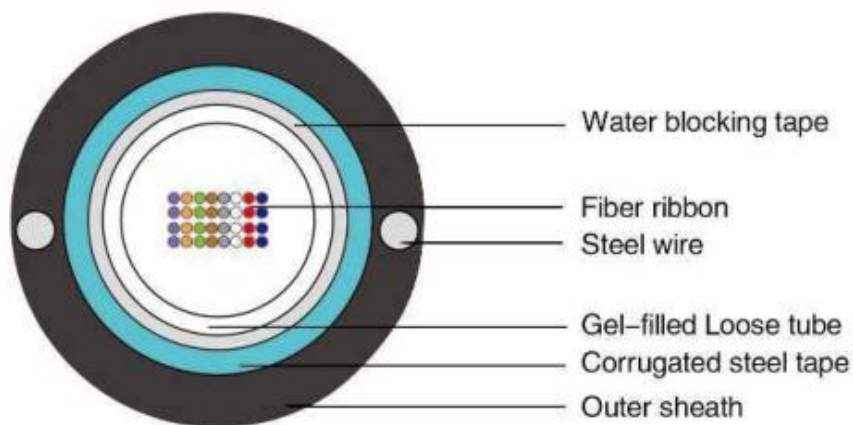
※ Remark:

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

Ribbon Fiber Optic Fiber Cable

GYDXTW

Structure



Feature

- Increase fiber quantity in cable
- Excellent mechanical and environmental performance
- Good crush resistance
- Easy to install
- Gel-filled loose tube protect the fiber well
- Good waterproof performance

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

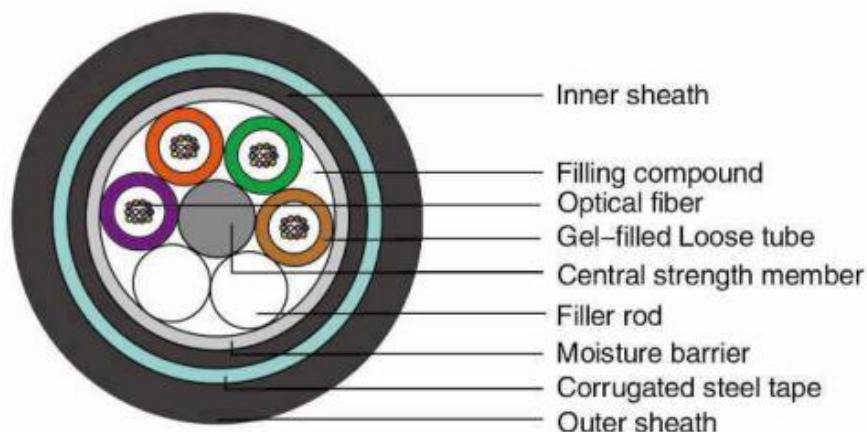
Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYDXTW	48	1500	600	1000	300	20D	10D	13.4	172
GYDXTW	72	1500	600	1000	300	20D	10D	14.2	191
GYDXTW	96	1500	600	1000	300	20D	10D	14.6	201
GYDXTW	144	1500	600	1000	300	20D	10D	16.0	239
GYDXTW	216	1500	600	1000	300	20D	10D	18.0	298
GYDXTW	288	1500	600	1000	300	20D	10D	18.8	320
GYDXTW	432	1500	600	1000	300	20D	10D	20.3	372

※ Remark:

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

Metal Tape Armored Direct Buried Cable GYFTA53

Structure



Feature

- Excellent mechanical and environmental performance
- Good crush resistance
- Gel-filled loose tube protect the fiber well
- Good waterproof performance

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYFTA53	48	3000	1000	3000	1000	25D	12.5D	14.5	192
GYFTA53	96	3000	1000	3000	1000	25D	12.5D	16.3	242
GYFTA53	120	3000	1000	3000	1000	25D	12.5D	17.8	283
GYFTA53	144	3000	1000	3000	1000	25D	12.5D	19.5	333
GYFTA53	288	3000	1000	3000	1000	25D	12.5D	21.9	409

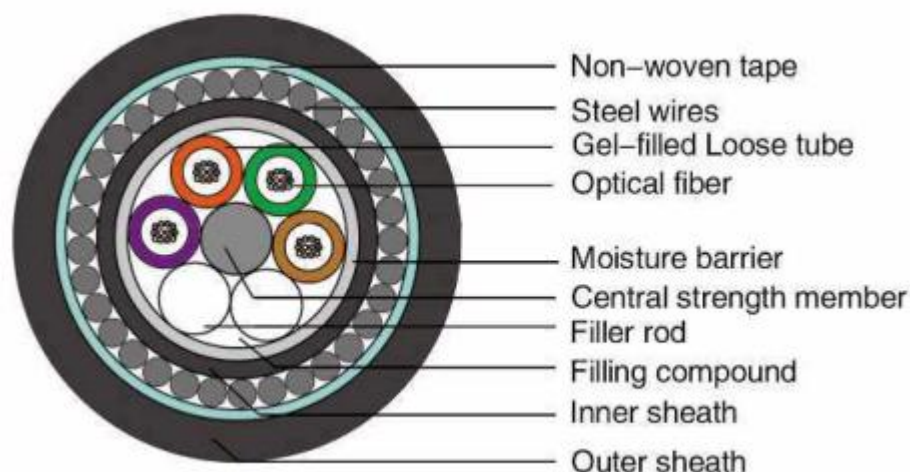
※ Remark:

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

Shallow Water Optical Fiber Cable

GYTA33

Structure



Feature

- Excellent mechanical and environmental performance
- Good waterproof performance
- Gel-filled loose tube protect the fiber well
- Single-steel ensures good performance of tensile strength

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYTA33	30	10000	4000	5000	3000	25D	12.5D	14.6	349
GYTA33	36	10000	4000	5000	3000	25D	12.5D	14.9	372
GYTA33	60	10000	4000	5000	3000	25D	12.5D	15.5	379
GYTA33	72	10000	4000	5000	3000	25D	12.5D	16.1	433
GYTA33	96	10000	4000	5000	3000	25D	12.5D	17.7	508
GYTA33	120	10000	4000	5000	3000	25D	12.5D	18.9	544
GYTA33	144	10000	4000	5000	3000	25D	12.5D	20.4	642

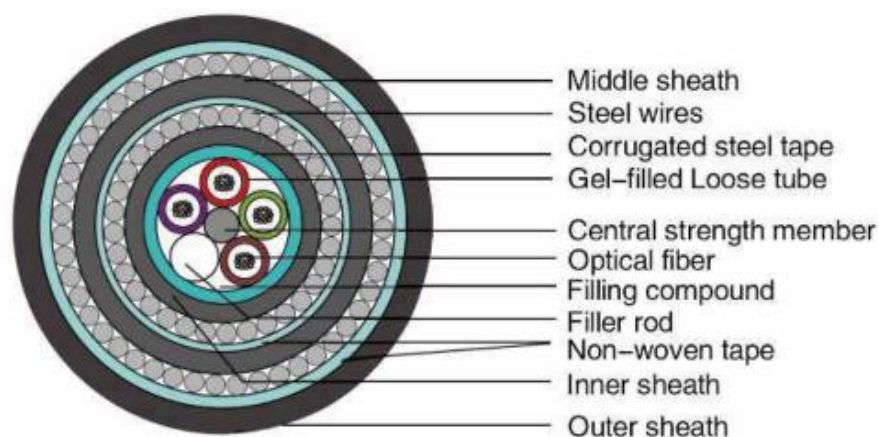
※ Remark:

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

Shallow Water Optical Fiber Cable

GYTS333

Structure



Feature

- Excellent mechanical and environmental performance
- Good waterproof performance
- Gel-filled loose tube protect the fiber well
- Single-steel ensures good performance of tensile strength

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

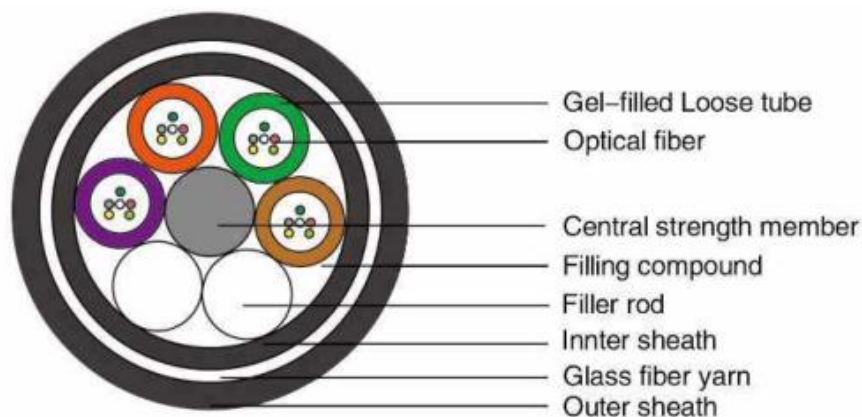
Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYTS333	36	40000	20000	6000	4000	30D	15D	23.7	1339
GYTS333	60	40000	20000	6000	4000	30D	15D	23.9	1341
GYTS333	72	40000	20000	6000	4000	30D	15D	24.5	1419
GYTS333	96	40000	20000	6000	4000	30D	15D	25.1	1420
GYTS333	120	40000	20000	6000	4000	30D	15D	26.5	1541
GYTS333	144	40000	20000	6000	4000	30D	15D	26.8	1458

※ Remark:

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

All Dielectric Reinforced Optic Fiber Cable GYFTY73

Structure



Feature

- Good waterproof performance
- Gel-filled loose tube protect the fiber well
- Application for thunder area
- Tensile performance

Standard

The products comply with the relevant standards of YD/T, IEC and ITU.

Technical Specification

Cable Type	Maximum Cores	Tensile Strength		Crush Resistance		Minimum Bend Radius		Nominal Diameter	Nominal Weight
		Short Term	Long Term	Short Term	Long Term	Dynamic	Static		
GYFTY73	36	3000	1000	3000	1000	25D	12.5D	12.5	133
GYFTY73	72	3000	1000	3000	1000	25D	12.5D	13.9	160
GYFTY73	96	3000	1000	3000	1000	25D	12.5D	15.4	207
GYFTY73	120	3000	1000	3000	1000	25D	12.5D	16.9	246
GYFTY73	144	3000	1000	3000	1000	25D	12.5D	18.4	287

※ Remark:

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

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