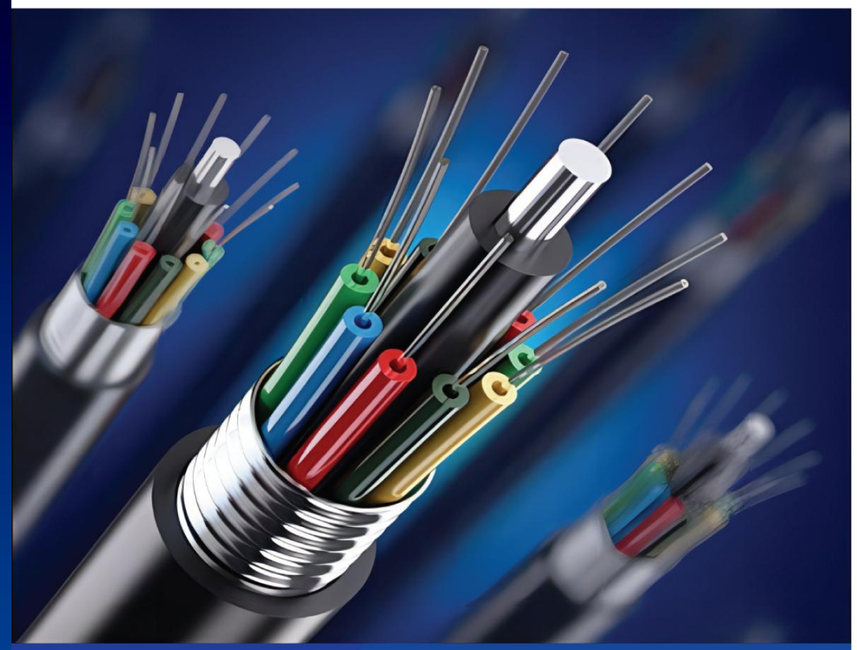
Catalogue
Fiber Optical Cable



OPTION

01 Indoor/outdoor Drop Fiber Cable

02 ADSS Fiber Optic Cable

03 Air Blowing Micro fiber Optic Cable

04 Aerial Fiber Optic Cable

05 Duct Fiber Optical Cable

06 Direct Bury Fiber Optic Cable

07 Anti-rodent Fiber Optic Cable

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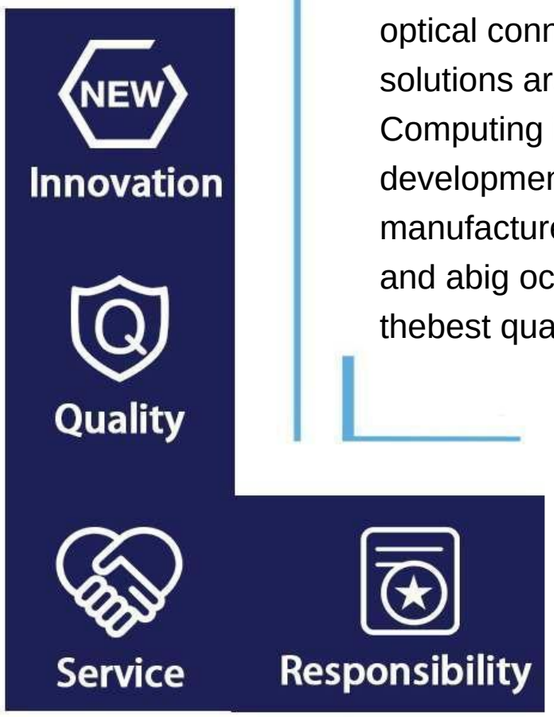
UnitekFiber
Mission Statement

Our key value is “ Innovation, Quality, Service and Responsibility" .This value is the way we operate our company, manage our employees, and cooperate with our customers.

With our professional R & D team,
UnitekFiber is always on the way to research and innovate technology and products in the field offiber optical telecom.Our technological innovation definitely keeps pace with the times and even surpass the times.

With high standards and quaranteed quality, all our products are highly valued by our customer. UnitekFiber is Committed to making our customers proud of the quality of our products. The best quality is the key to winning the business and to establish long-term cooperation with customers.

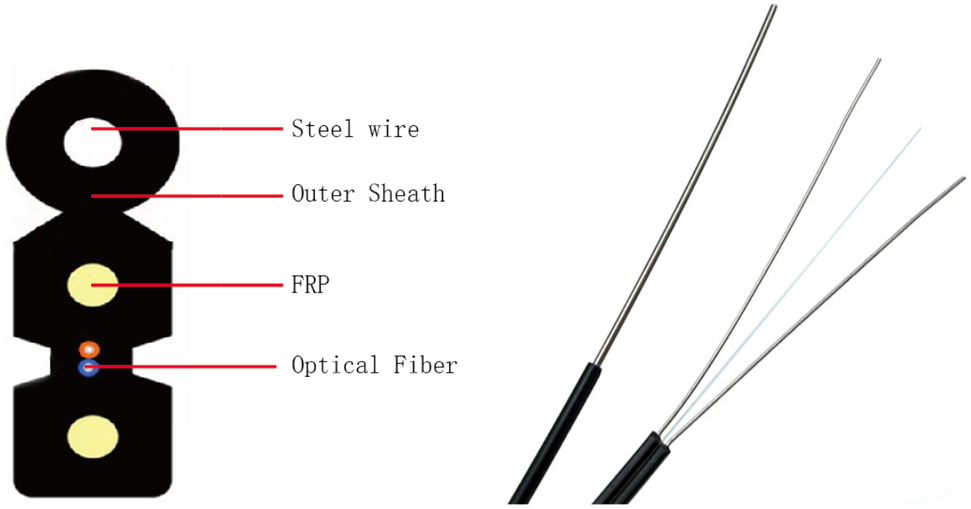
UnitekFiber will provide the most professional service for customers. We are constantly improving our services in order to further optimize the development of our business. With quick response to inquiries and questions, you will feel happy and satisfy through our cooperation.



Company Profile

UnitekFiber Solution is a group company which engaged in R&D, manufacturing and marketing of fiber optical products andaccessories. Providing professional products and services offiber Indoor/outdoor cables, Fiber cable management, highdensity datacom cabling, Fiber optical connectivity and PLCsplitter and so on .Our products and solutions are widely appliedin 4G/5G, Data Center a nd Cloud Computing industry etc.With more than 10 years experience and development,UnitekFiber Solution become the industry-leading manufacturerwhich supported the main domestic market in the South and abig occupation in overseas market.Our key value is offering thebest quality and service to the customers around the world.

GJXFH Outdoor Fiber Optic FTTH Drop Cable



Features

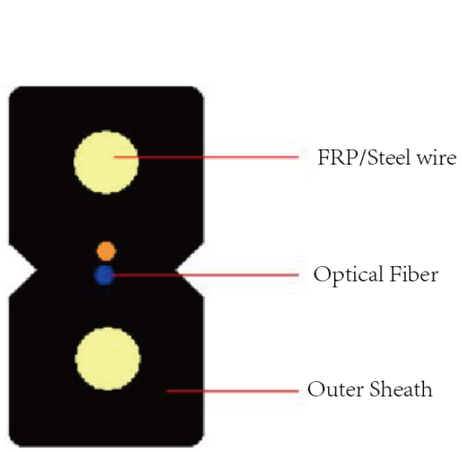
Small diameter,lightweight,low cost.low construction cost;
Suitable for mechanical splicing technology,fast,and flexible;
The bend insensitive fiber which can meet requirement of ITU-T G.657
High-carbon steel wire should be used for Self-supporting strengthen member.

Application

For indoor wiring, end users directly use fiber cables;
Used for building optical fiber cable;
It is used for indoor wiring in FTTH.

No.of cable			1-6 cores
Fiber Model			G652D/G657A1/A2
Steel wire	Diameter(±0.03)mm		1.0
	NO.		1
FRP/Steel wire	Diameter(±0.03)mm		0.5
	NO.		2
Outer Sheath	Material		LSZH
	Colour		Black
Cable Diameter(±0.2)mm			5.0×2.0
Cable Wetght(±2)kg/km			21
Attenuation	1310nm	dB/km	0.4
	1550nm		0.3

GJXH Indoor Fiber Optic FTTH Drop Cable



Features

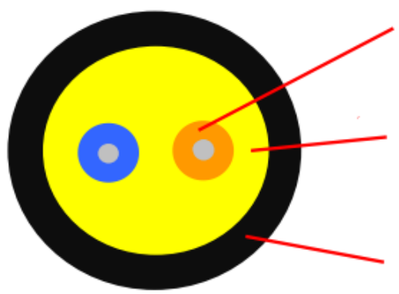
Soft and bendable, easy to deploy and maintenance;
Smaller diameter, Light weight, and high practicability;
Fiber reinforced plastic as the strength member;
Environmental protection-Low smoke, zero halogen and flame retardant sheath;
Good performance of water-proof.

Application

Used in indoor/outdoor cabling, especially used for FTTH
Used as access building cable

No.of cable			1-6 cores
Fiber Model			G652D/G657A1/A2
FRP/Steel wire	Diameter(±0.03)mm		0.5
	NO		2
Outer Sheath	Material		LSZH
	Colour		white
Cable Diameter(±0.2)mm			2.0×3.0
Cable Wetght(±2)kg/km			10.0
Attenuation	1310nm	dB/km	0.50
	1550nm		0.40

4.5/4.8mm 1-2cores Indoor/Outdoor Single Jacket Fiber Optical Drop Cable



Features

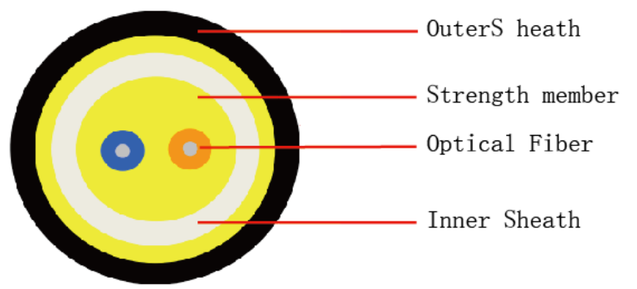
Fiber type: ITU-T- G652D, G657A fiber, G657B fiber
It has good mechanical and environmental performance
Flame (or not flame retardant) performance to meet the requirements of the standard
Mechanical and physical properties of the sheath to meet the relevant standards Soft, flexible and convenient
UV stablized and Flame-retardent LSZH outer jacket

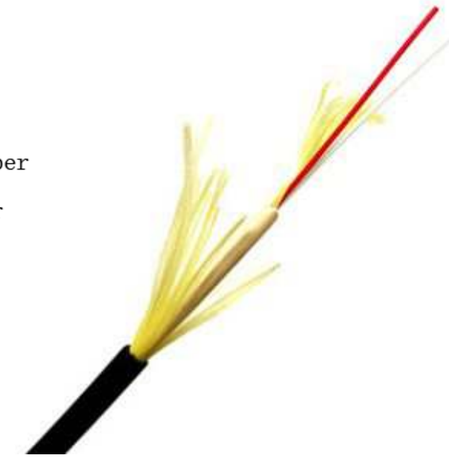
Application

Adopted to Outdoor Aerial, Duct installation
Adopted to trunk power transmission system.
Access network and local network

Fiber Core	1-2
Tight-buffered Diameter(μm)	850±50
Outer jacket cable Dimension(mm)	4.5/4.8±0.2
Jacket	LSZH/ LSZH-FR

4.5/4.8mm 1-2cores Indoor/Outdoor Double Jacket Fiber Optical Drop Cable





Features

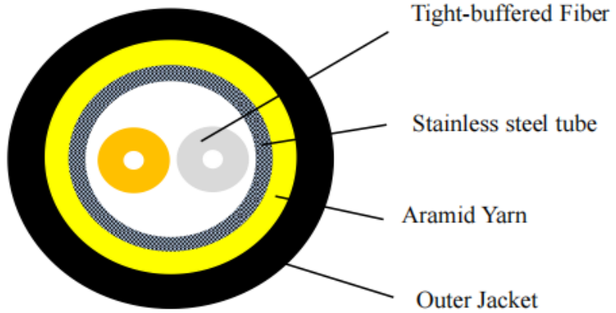
Fiber type: ITU-T- G652D, G657A fiber, G657B fiber
It has good mechanical and environmental performance
Flame (or not flame retardant) performance to meet the requirements of the standard
Mechanical and physical properties of the sheath to meet the relevant standards Soft, flexible and convenient
UV stablized and Flame-retardent LSZH outer jacket

Application

Adopted to Outdoor Aerial, Duct installation
Adopted to trunk power transmission system.
Access network and local network

Fiber Core	1-2
Tight-buffered Diameter(μm)	850±50
Outer jacket cable Dimension(mm)	4.5/4.8±0.2
Jacket	LSZH/ LSZH-FR

Indoor/outdoor Direct Buried Single Jacket Armored Fiber Optic Drop Cable



Features

Fiber type: ITU-T- G652D, G657A fiber, G657B fiber
It has good mechanical and environmental performance
Flame (or not flame retardant) performance to meet the requirements of the standard
Mechanical and physical properties of the sheath to meet the relevant standards Soft, flexible and convenient
UV stablized and Flame-retardent LSZH outer jacket

Application

Various conventional connector products.
Pigtails and jumpers.
Optical communication equipment room, optical distribution frame,
Optical connections for optical equipment, instruments, etc.
Indoor horizontal wiring and vertical wiring in buildings
The installation space and wiring are small in size.

Fiber Counts	Tight Diameter	Cable Diameter(mm)	Weight	Tensile strength (N)	
			Kg/km	Short term	Long term
2	0.55±0.05mm	3.0±0.1mm	14.5	80	150
4	0.55±0.05mm	4.8±0.2mm	34.0	160	300
6	0.55±0.05mm	5.0±0.2mm	38.0	160	300
8	0.55±0.05mm	5.2±0.2mm	42.0	160	300
12	0.55±0.05mm	6.0±0.2mm	49.0	200	400

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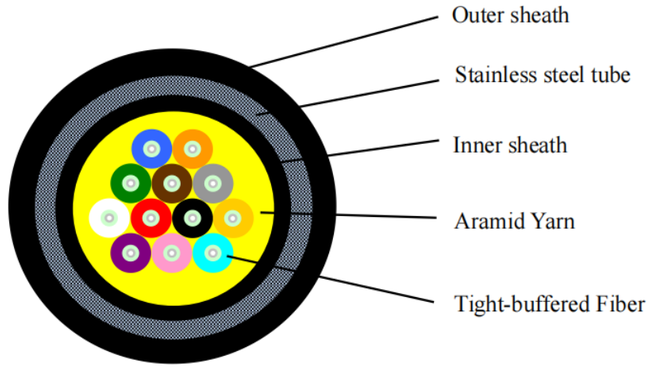
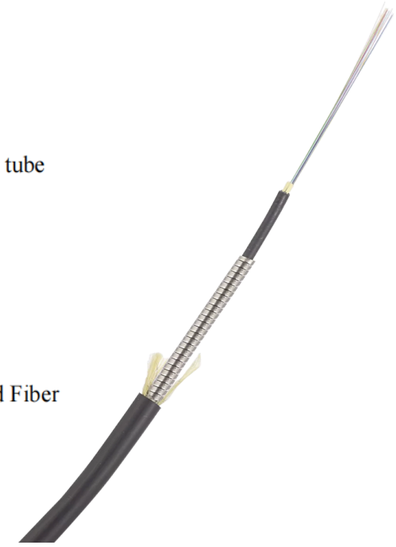
Indoor/outdoor Direct Buried Double Jacket Armored Fiber Optic Drop Cable





Features

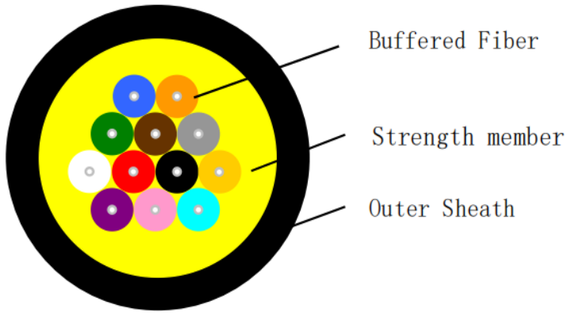
Fiber type: ITU-T- G652D, G657A fiber, G657B fiber
It has good mechanical and environmental performance
Flame (or not flame retardant) performance to meet the requirements of the standard
Mechanical and physical properties of the sheath to meet the relevant standards Soft, flexible and convenient
UV stablized and Flame-retardent LSZH outer jacket

Application

Various conventional connector products.
Pigtails and jumpers.
Optical communication equipment room, optical distribution frame,
Optical connections for optical equipment, instruments, etc.
Indoor horizontal wiring and vertical wiring in buildings
The installation space and wiring are small in size.

Fiber Counts	Tight Diameter	Cable Diameter(mm)	Weight	Tensile strength (N)	
			Kg/km	Short term	Long term
2	0.55±0.05mm	5.0±0.2mm	39	80	150
4	0.55±0.05mm	6.0±0.2mm	50	80	150
6	0.55±0.05mm	6.5±0.2mm	58	120	240
8	0.55±0.05mm	7.0±0.2mm	75	160	300
12	0.55±0.05mm	8.5±0.2mm	88	160	300

Indoor/outdoor Breakout Fiber Optic Drop Cable Tight Buffer 2-24cores



Features

Small outer diameter, light weight, flame retardant, easy to peel off
Low attenuation and high flexibility
Tight-buffered optical fiber cables can be directly connected without transition joint boxes and pigtails, and there is no need to clean waterproof grease, so the laying cost is low.

Application

This optical cable is suitable for indoor wiring.
Suitable for pigtail jumpers and jumpers
Suitable for optical connections of communication equipment and optical instruments
Suitable for floor connection and easy maintenance

Fiber Count	Tight Diameter mm	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short Term N
4	0.9	5.0	19	150/300
6	0.9	5.2	23	150/300
8	0.9	5.5	26	150/300
12	0.9	6.5	37	300/600
16	0.9	7.5	45	300/600
24	0.9	8.2	55	300/600
36	0.9	9.0	72	300/600
48	0.9	10.5	90	300/600

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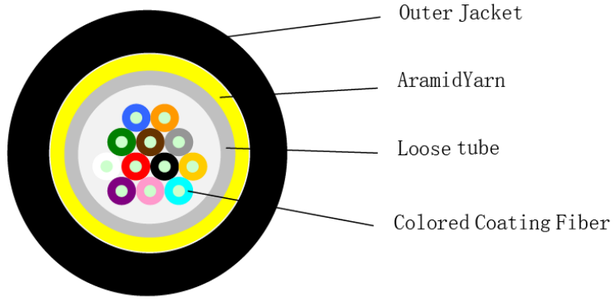
Indoor/outdoor Breakout Fiber Optic Drop Cable Loose Tube 2-24cores



Features

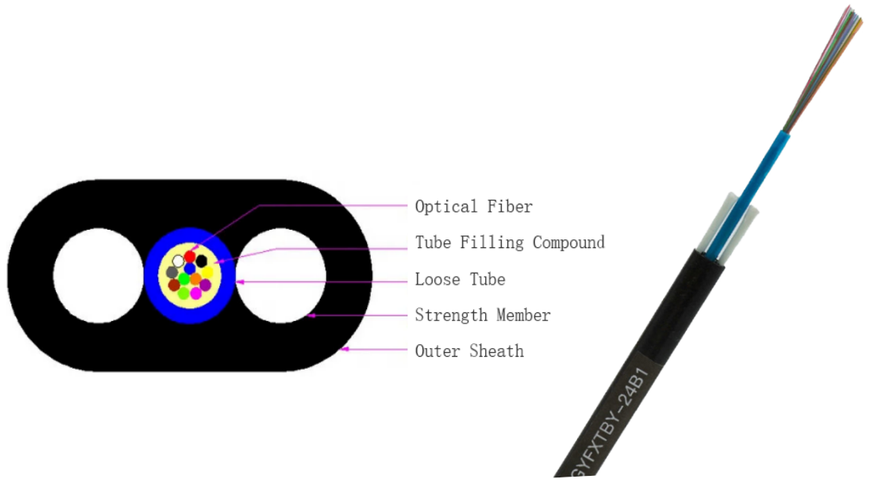
Ointment filling
Aramid or glass yarn reinforcement elements give optical cables excellent tensileproperties
Number of optical cable cores: 2-24 cores
Has good softness
Small size and light weight.

Application

Suitable for indoor wiring.
Suitable for indoor and outdoor overhead and pipes.
The cable assembly density is high, the cable diameter is small, and the weight is light. It is the best choice for air blowing laying method.

Fiber Counts	Tight Diameter	Cable Diameter(mm)	Weight	Tensile strength (N)	
			Kg/km	Short term	Long term
2	250um	5.0±0.1mm	15	80	150
4	250um	5.0±0.1mm	16	80	150
6	250um	5.0±0.1mm	20	80	150
8	250um	5.0±0.1mm	20	80	150
12	250um	5.0±0.1mm	21	80	150

Indoor/Outdoor Self-supporting Fiber Optic Flat Drop Cable GYFXTBY



Features

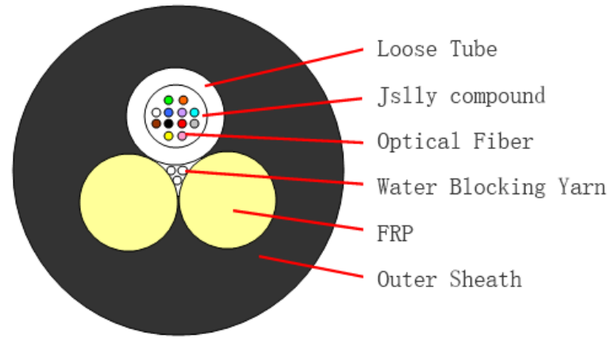
Good mechanical and temperature resistant performance.
Uni-tube gel-filled construction for superior fiber protection.
Two parallel FRP to ensure tensile strength.
PE/LSZH sheath protects cable from ultraviolet radiation.
Light weight and small diameter, easy to installation and operation.

Application

Adopted to Outdoor Aerial, Duct installation
Adopted to trunk power transmission system.
Access network and local network

Item	Paramate
Fiber	9/125(G.652D or G.657A1)
Cable	1-24F
Size	8.0*4.5mm±0.2 mm
Loose Tube	PBT-polybutylene terephthalate
Diameter	2.1±0.05mm
Waterblocking Yarn	SZS-15.0×4 Root
Strength Member	FRP-Glass fiber reinforced plastic rods
Diameter	1.5±0.05mm
Outer Sheath	PE-Polyethylene
Thickness	1.0±0.1 mm

Outdoor Self-supporting Fiber Optic Cable ASU/Mini ADSS



Features

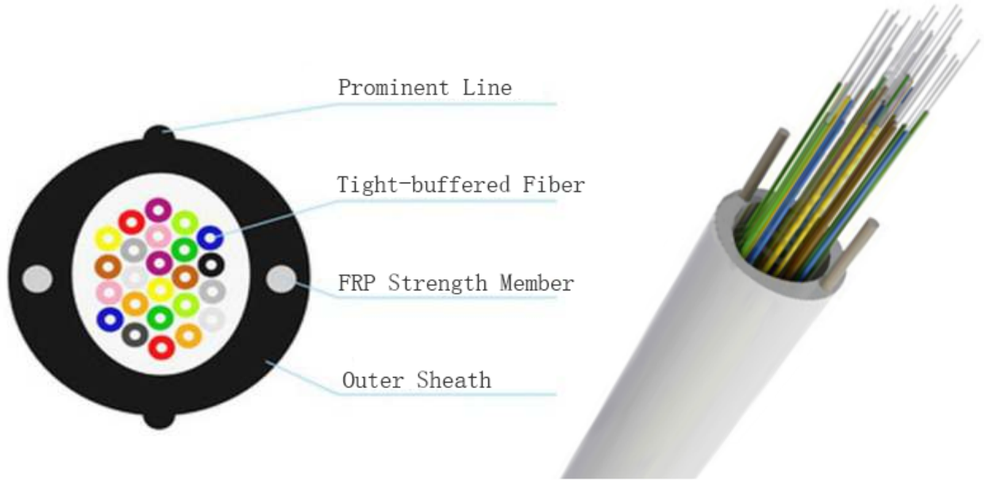
Non-metal strength member
High Strength Kevlar yarn member
Replacing existing aerial ground wires
2 FRP brings better span.
Compact design makes the cable in small size and light weight.
Easy estallation.

Application

Adopted to Outdoor distribution
Network in high electromagnetic interfering places
Suitable for aerial network
Can be installed conveniently and operated simply

No.ofcable		1-12
Fiber Mode		G.652D
Strength Member	Material	FRP
	Diameter(±0.05)mm	1.8
Loose Tube	Material	PBT
	Diameter(±0.06)mm	1.8
	Thickness(±0.03)mm	0.35
	The Max.Core NO./Tube	12
Outer Sheath	Materia	PE
Cable Diameter(±0.2)mm		6.7
Cable Weight(±5)kg/km		38

Vitical Indoor/Outdoor Tight Buffered Fiber optic Drop Cable



Features

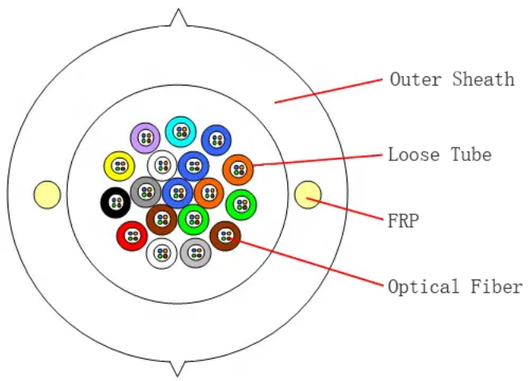
Accurate process control ensuring good mechanical and temperature performances
Good structure design, easy for branching and splicing
Small size and light weight, easy for installation
LSZH sheath ensuring good flame-retardant performance
Especially applicable to vertical wiring in buildings

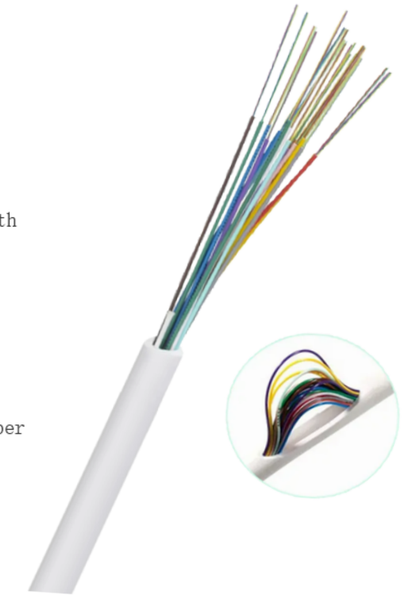
Application

Adopted to core network;
access network, fiber to the home;
Building to building installation

No. of cable		4	8	16	24
Fiber Model		G.657A1			
Module	Material	LSZH			
	Thickness	0.17（±0.02）mm			
	Diameter	0.9（±0.05）mm			
Strength Member	Material	FRP			
	Diameter	1.0（±0.05）mm			
	No.	2			
Outer Sheath	Material	LSZH-FR			
	Color	White			
Cable Diameter		8.5±0.5	8.5±0.5	11.5±0.5	11.5±0.5
Cable Weight（±2）kg/km		75	80	125	125
Max. allowable tension （Short-term）		600N			
Max. allowable tension （Long-term）		200N			
Crush resistance test		1000N/10cm			

Vitical Indoor/Outdoor Multicores Loose Tube Fiber optic Drop Cable





Features

Accurate process control ensuring good mechanical and temperature performances
Good structure design, easy for branching and splicing
Small size and light weight, easy for installation
LSZH sheath ensuring good flame-retardant performance
Especially applicable to vertical wiring in buildings

Application

Adopted to core network;
access network, fiber to the home;
Building to building installation

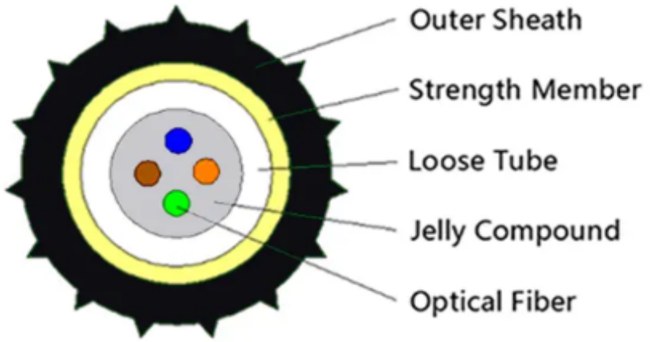
Cable Specification-12FO

Core		12	24	36	48	72	96	144
No.of modules		1	2	3	4	6	8	12
Fibers per module		12	12	12	12	12	12	12
Nominal Cable Diameter	mm	6.0	7.0	7.0	7.5	8.5	9.5	11.0
Cable weight		38		49	55	69	81	105
Tension Max	N	300				450		600

Cable Specification-6FO

Core		6	12	24	36	48	72	96	144
No.of modules		1	2	4	6	8	12	16	24
Fibers per module		6	6	6	6	6	6	6	6
Nominal Cable Diameter	mm	6.0	7.0	7.0	8.0	8.5	9.5	11	12
Cable weight	kg	37	47	49	62	68	81	94	119
Tension Max	N	300			450				600

Air-blown Central Tube Micro Fiber Optic Cable GCYFXTY



Features

Using centre tube design less than 24f to get more compact structure.
Accurate excess fiber length control to get stable cable performance
High speed, long distance air-blowing, efficient installation
Optional 200um mini optical fiber to get smaller outer diameter
Small outer diameter, light weight, low friction sheath material
HDPE sheath, enhancing the blowing performance

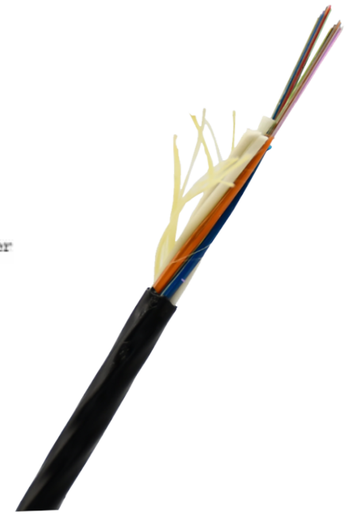
Application

FTTx
LAN communication FTTx
Suitable for air-blowing installation

Cable specification

Fiber Counts	Outer Diameter(mm)	Weight	Minimum bend radius(mm)		Tensile strength (N)		Crush resistance(N)	
		Kg/km	Dynamic	Static	Short term	Long term	Short term	Long term
2-12	2.5	6	20D	10D	150	60	450	150
14-24	2.8	7	20D	10D	150	60	450	150

Air-blown Multi-Tube Micro Fiber Optic Cable GCYFTY



Features

Using centre tube design less than 24f to get more compact structure
Accurate excess fiber length control to get stable cable performance
High speed, long distance air-blowing, efficient installation
Optional 200um mini optical fiber to get smaller outer diameter
Small outer diameter, light weight, low friction sheath material

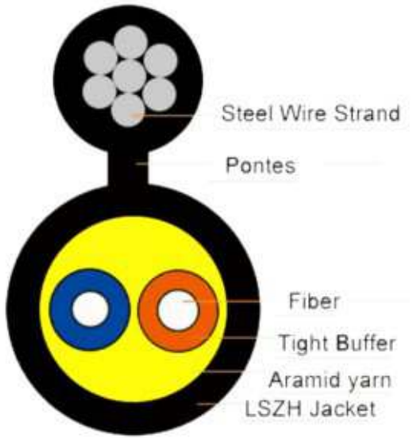
Application

FTTx
LAN communication FTTx
Suitable for air-blowing installation

Cable specification

Fiber Counts	Tubes*Fibers	Outer Diameter(mm)	Weig ht	Minimum bend radius(mm)		Tensile strength (N)		Crush resistance(N)	
			Kg/km	DynamiC	StatiC	Shortterm	tongterm	Shortterm	Lonterm
24	2*12	5.7	23	200	100	500	150	450	150
36	3*12	5.7	23	20D	10D	500	150	450	150
48	5*12	5.7	23	20D	10D	500	150	450	150
72	6*12	5.7	24	20D	10D	500	150	450	150
96	8*12	6.5	33	20D	10D	500	150	450	150
144	6*24	7.9	42	20D	10D	1000	300	450	150

Outdoor Mini Figure 8 Self-supporting Non-metal Fiber Optic Cable GYFJC8ZY



Features

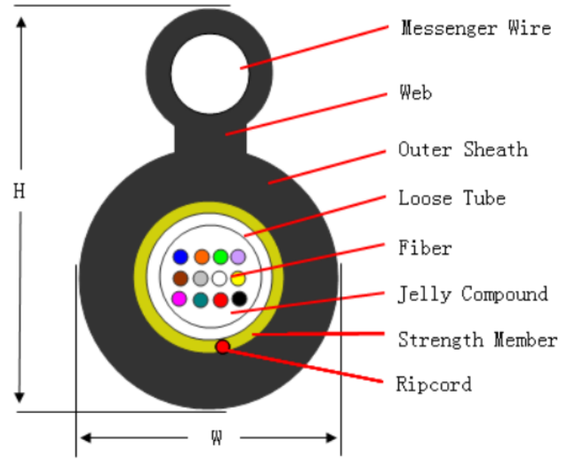
Good UV and flame resistant.
Figure 8, tight-buffer design
Single steel wire as the additional strength member ensure good performance of tensile strength.Simple structure, light weight, and high practicability;
Novel flute design, easily strip and splice, simplify the installation and maintenance

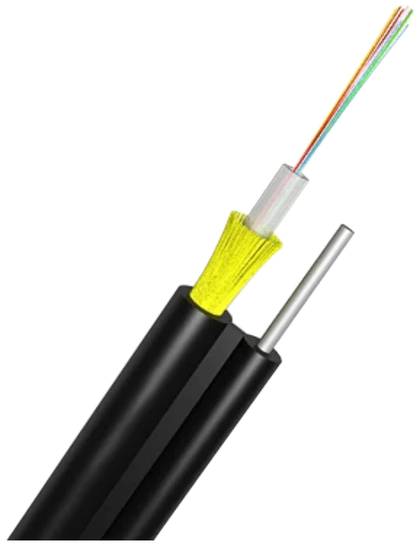
Application

Core Network, Metropolitan Area
Network, and Access Network Outdoor Optical Cable
Laying method: overhead, pipeline
Working temperature: -40°C~+60°C
Bend radius: Static 12.5 times the cable diameter
Dynamic 25 times optical cable diameter

Fiber Count	Norminal Diameter	Norminal Weight	Allowable Tensile Load		Allowable Crush Resistance	
	(mm)	(kg/km)	(N)		(N/100mm)	
			Short Term	Long Term	Short Term	Long Term
2-12	6.0*3.2	27	600	300	1000	500

Outdoor Figure 8 Self-supporting Non-metal Central Loose Tube Fiber Optic Cable GYXFTC8Y





Features

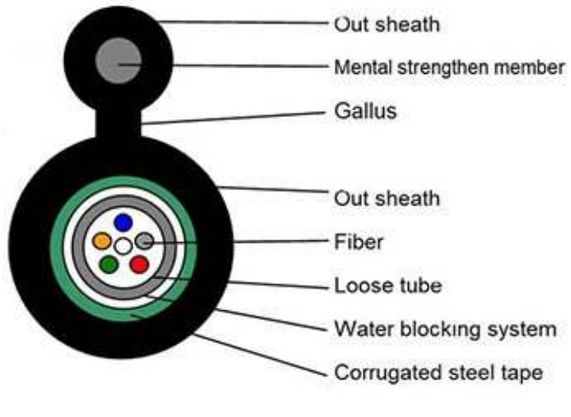
Stainless steel or galvanized steel self-supportingLow dispersion and attenuation
Excellent tensile strength for such small diameter
Light weight

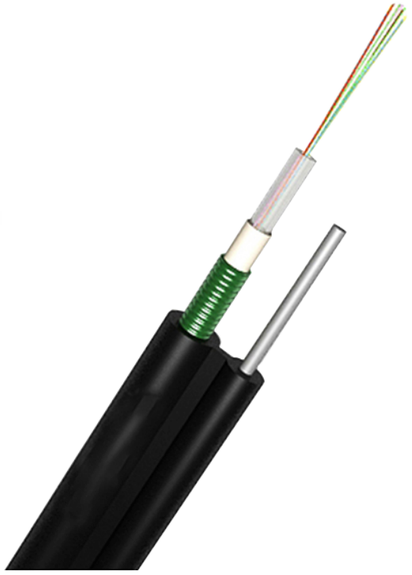
Application

Core Network, Metropolitan Area
Network, and Access Network Outdoor Optical Cable
Laying method: overhead, pipeline
Working temperature: -40°C~+60°C
Bend radius: Static 12.5 times the cable diameter
Dynamic 25 times optical cable diameter

Fiber Counts	Loose tube	Cable Diameter(mm)	Weight	Tensile strength (N)		Crush resistance(N)	
			Kg/km	Short term	Long term	Short term	Long term
2-12	12	4.4*6.2	24	800	320	1000	300
13-24	24	4.4*6.8	28	800	320	1000	300

Outdoor Figure 8 Self-supporting Steel Tape Central Loose Tube Fiber Optic Cable GYXTC8S





Features

Stainless steel or galvanized steel self-supporting
Low dispersion and attenuation
Excellent tensile strength for such small diameter
Light weight

Application

Adopted to Outdoor distribution
Suitable for aerial,duct and buried method
Long distance and local area network communication
Can be installed conveniently and operated simply

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-8	8	117	150	600	100	300
10-12	12	121	1500	600	1000	300

Outdoor Figure 8 Self-supporting Steel Tape Stranded Loose Tube Fiber Optic Cable GYTC8S

Features

Stainless steel or galvanized steel self-supporting
Low dispersion and attenuation
Excellent mechanical and environmental performance

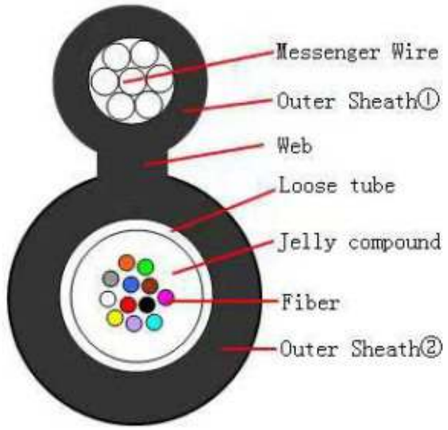
Application

Adopted to Outdoor distribution
Suitable for aerial,duct and buried method
Long distance and local area network communication
Can be installed conveniently and operated simply

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-30	6	155	1500	600	1000	300
32-60	12	165	1500	600	1000	300
62-72	12	215	1500	600	1000	300
74-96	12	230	1500	600	1000	300
98-120	12	260	1500	600	1000	300
122-144	12	295	1500	600	1000	300

Outdoor Figure 8 Self-supporting Non-metal Fiber Optic Cable GYXTC8Y



Features

Full section water blocking structure ensures good water and moisture resistance
Loose sleeve filled with special ointment for critical fiber protection
8-shaped self-supporting structure with high tensile strength, easy to lay overhead, low installation cost
Longitudinal cladding steel strip gives better cable resistance to lateral pressure
Polyethylene sheath makes the cable have good UV resistance
Product life more than 30 years

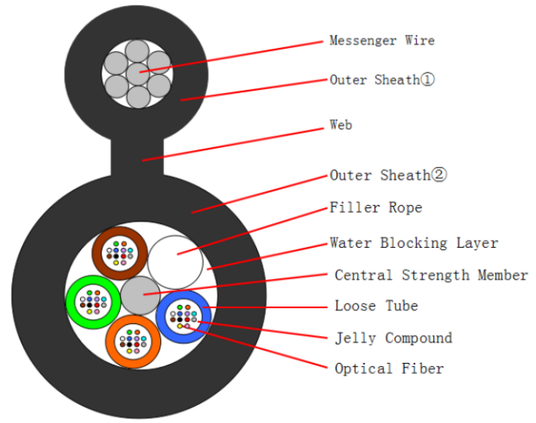
Application

Adopted to Outdoor distribution
Suitable for aerial,duct and buried method
Long distance and local area network communication
Can be installed conveniently and operated simply

Cable specification

Fiber Counts	Outer Diamter(mm)	Weight	Minimun Ben Radius(mm)		Tensile Strength(N)		Crush Resistance(N)	
		Kg/km	Dynamic	Static	Short term	Long term	Short term	Long term
2-24	6*14.1	95	20D	10D	1500	600	1000	300

Outdoor Figure 8 Self-supporting Non-metal Stranded Loose Tube Fiber Optic Cable GYTC8Y



Features

Stainless steel or galvanized steel self-supporting
Low dispersion and attenuation
Excellent mechanical and environmental performance

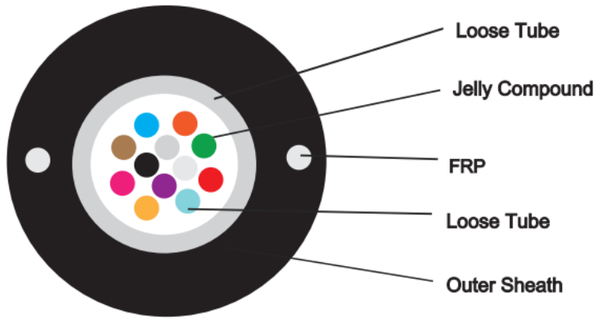
Application

Adopted to Outdoor distribution
Suitable for aerial,duct and buried method
Long distance and local area network communication
Can be installed conveniently and operated simply

Cable specification

Fiber Counts	Loose tube	Cable Diameter(mm)	Weight	Tensile strength (N)		Crush resistance(N)	
			Kg/km	Short term	Long term	Short term	Long term
4	4	8.2×14.5	105	2700	1000	1000	300
8	4	8.2×14.5	105	2700	1000	1000	300
12	6	8.2×14.5	105	2700	1000	1000	300
24	6	8.2×14.5	105	2700	1000	1000	300
48	12	8.6×15.0	120	2700	1000	1000	300
72	12	9.2×15.7	135	2700	1000	1000	300
144	12	13.0×19.5	210	2700	1000	1000	300

Non-metal Central Loose Tube Outdoor fiber Optic Cable GYFXTY



Features

Good mechanical and temperature resistant performance.
Uni-tube gel-filled construction for superior fiber protection.
Two parallel FRP to ensure tensile strength.
PE/LSZH sheath protects cable from ultraviolet radiation.
Light weight and small diameter, easy to installation and operation.

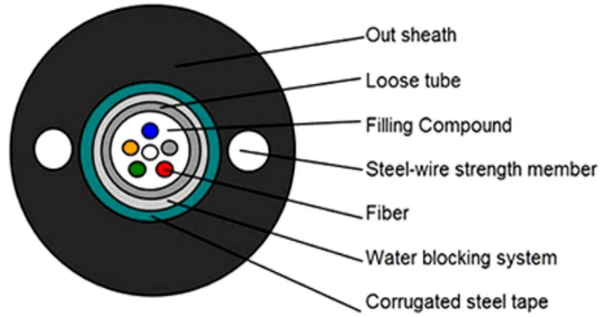
Application

Adopted to Outdoor Aerial,
Duct installation
Adopted to trunk power
transmission system
Access network and local network

Cable specification

FibeCounts	OuteDiameter(mm)	Weight	Minimum bendradius(mm)		Tensile strength (N)		Crush resistance(N)	
		Kg/km	Dynamic	Static	Short term	Long term	Short term	Long term
2-24	4.8	32	20D	10D	1500	600	1000	300

Central Loose Tube Steel Tape Outdoor Fiber Optic Cable GYXTW



Features

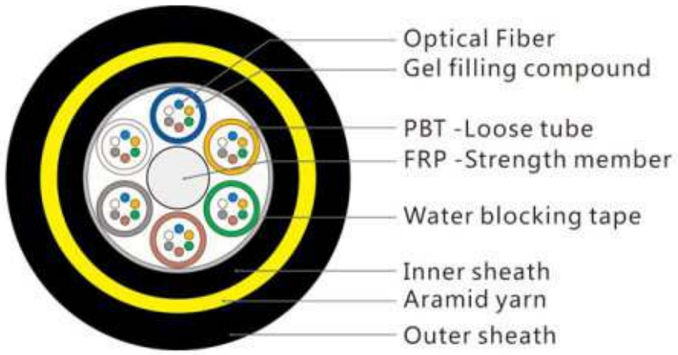
Steel-wire parallel member
Filler protect loose tube fiberSteel tape armored
Excellent mechanical and environmental performance
Compact structureLight weight
Working temperature: -40℃~+60℃
Bend radius: Static 10 times the cable diameter
Dynamic 20 times optical cable diameter

Application

Adopted to Outdoor distribution
Suitable for aerial, pipeline laying method
Long distance and local area network communication
Can be installed conveniently and operated simply.
Polyethylene sheath makes the cable have good UV resistance
Double armored jacket makes cable better side pressure resistant
Product life more than 30 years

Fiber Counts	Outer Diamter(mm)	Weight	Minimun Ben Radius(mm)		Tensile Strength(N)		Crush Resistance(N)	
		Kg/km	Dynamic	Static	Short term	Long term	Short term	Long term
2-24	8.7	75	20D	10D	1500	600	1000	300

All Dielectric Self-supporting Stranded Loose Tube Outdoor Fiber Optic Cable Double Sheath ADSS-D



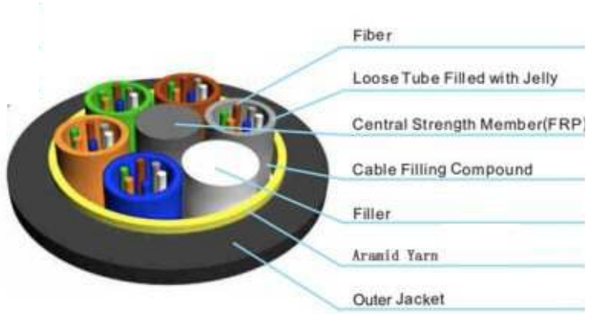
Features

Non-metal strength member
Double sheath
High Strength kevlar yarn member
Replacing existing aerial ground wires
Upgrading communications lines of power systems
Synchronous planning and designing when new aerial power lines are to be constructed
Conducting large fault short-circuit current and providing lightning protection

Application

Adopted to Outdoor distribution
Network in high electromagnetic interfering places
Suitable for aerial network
Long distance and local area network communication
Can be installed conveniently and operated simply

All Dielectric Self-supporting Stranded Loose Tube Outdoor Fiber Optic Cable Single Sheath ADSS-S



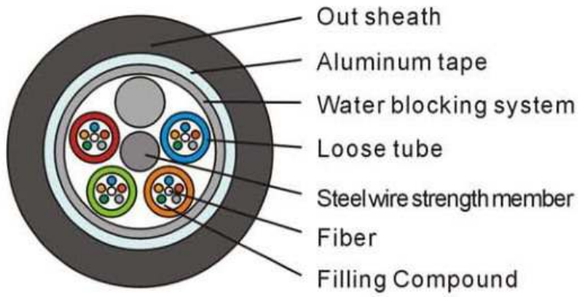
Features

Non-metal strength member
Single sheath
High Strength kevlar yarn member
Replacing existing aerial ground wires
Upgrading communications lines of power systems
Synchronous planning and designing when new aerial power lines are to be constructed
Conducting large fault short-circuit current and providing lightning protection

Application

Adopted to Outdoor distribution
Network in high electromagnetic interfering places
Suitable for aerial network
Long distance and local area network communication
Can be installed conveniently and operated simply

Outdoor Layer Stranded Loose Tube Aluminum Tape Fiber Optic Cable GYTA



Features

Steel wire strength
Filler Protect tube fiber
Steel tape armord
Good ultra violet radiation resistant property
Good moisture resistance

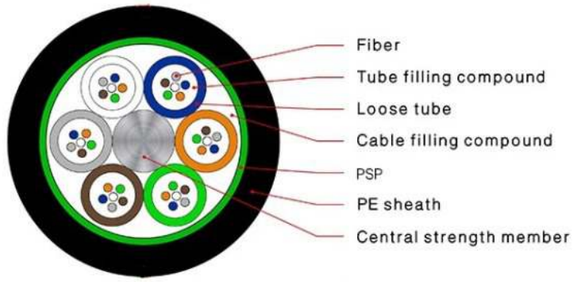
Application

Core Network, Metropolitan Area Networkand Access Network Outdoor Optical Cable
Laying method: overhead, pipeline
Working temperature: -40℃~+60℃
Bend radius: Static 10 times the cable diameter
Dynamic 20 times optical cable diameter

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-30	6	78	1500	600	1000	300
32-60	12	90	1500	600	1000	300
62-72	12	110	1500	600	1000	300
74-96	12	135	1500	600	1000	300
98-120	12	160	1500	600	1000	300
122-144	12	190	1500	600	1000	300

Outdoor Layer Stranded Loose Tube Steel Tape Fiber Optic Cable GYTS



Features

Steel-wire strength
Filler protect tube fiber
Steel tape armored
Good ultra violet radiation resistant property
Good moisture-resistance
Easy to branch and ensure the optical fiber is not stressed under harsh environment
Polyethylene sheath makes the cable have good UV resistance
Product life more than 30 years

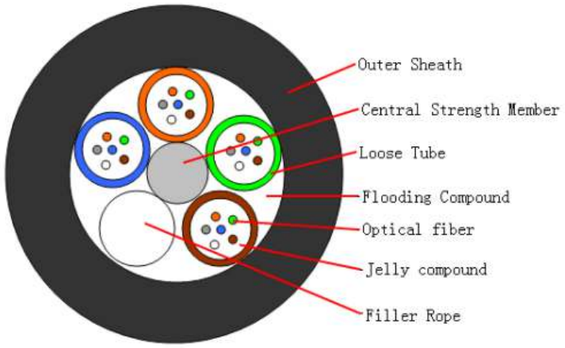
Application

Adopted to Outdoor distribution
Suitable for aerial, duct laying method.
Long distance and local area network communication.
Can be installed conveniently and operated simply.
Working temperature: -40° C~+60° C
Bend radius: Static 10 times the cable diameter
Dynamic 20 times optical cable diameter

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-30	6	90	1500	600	1000	300
32-60	12	110	1500	600	1000	300
62-72	12	120	1500	600	1000	300
74-96	12	155	1500	600	1000	300
98-120	12	185	1500	600	1000	300
122-144	12	220	1500	600	1000	300

Outdoor Duct Non-metalic Stranded Loose Tube Fiber Optic Cable GYFTY



Features

No metal structure,
Excellent electromagnetic and lightning resistance performance
Anti static electricity

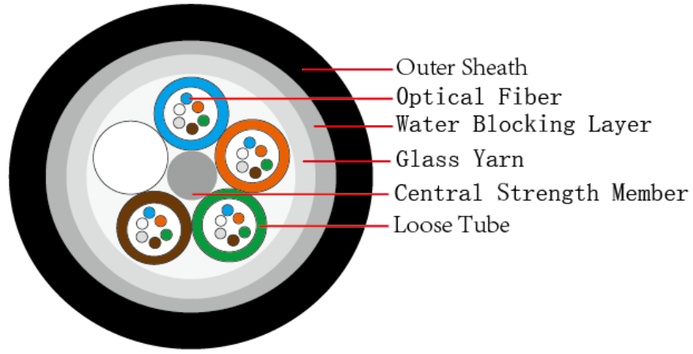
Application

Adopted to Outdoor distribution
Suitable for aerial,duct and buried method
Long distance and local area network communication
Can be installed conveniently and operated simply

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-30	6	155	1500	600	1000	300
32-60	12	165	1500	600	1000	300
62-72	12	215	1500	600	1000	300
74-96	12	230	1500	600	1000	300
98-120	12	260	1500	600	1000	300
122-144	12	295	1500	600	1000	300

Outdoor Duct Anti-rodent Non-metalic Stranded Loose Tube Fiber Optic Cable GYFTY-FS



Features

Glass gauze can better protect optical fibers from rodent bites
Good tensile performance can resist the influence of external forces
Better flattening performance is not easily flattened or damaged
Better impact resistance can better protect optical fibers from damage

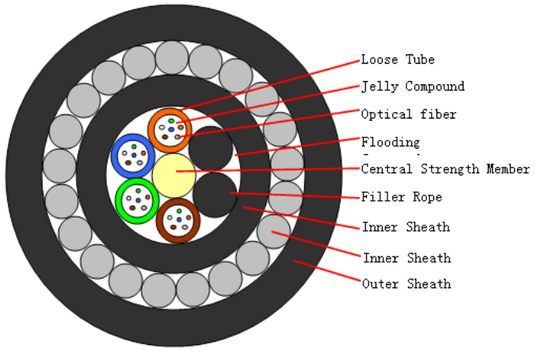
Application

Adopted to Outdoor distribution
Suitable for aerial,duct and buried method
Long distance and local area network communicationCan be installed conveniently and operated simply

Cable specification

Fiber Counts	Loose tube	Cable Diameter(mm)	Weight	Tensile strength (N)		Crush resistance(N)	
			Kg/km	Short term	Long term	Short term	Long term
4	4	8.3	55	2700	1000	1000	300
8	4	8.3	55	2700	1000	1000	300
12	6	8.3	55	2700	1000	1000	300
24	6	8.3	55	2700	1000	1000	300
48	12	9	65	2700	1000	1000	300
72	12	9	75	2700	1000	1000	300
96	12	11	80	2700	1000	1000	300
144	12	13	116	2700	1000	1000	300

Outdoor Underwater/Direct Buried Steel Wire Stranded Loose Tube Fiber Optic Cable GYFTY33



Features

Good tensile performance can resist the influence of external forces
Better flattening performance is not easily flattened or damaged
Better impact resistance can better protect optical fibers from damage

Application

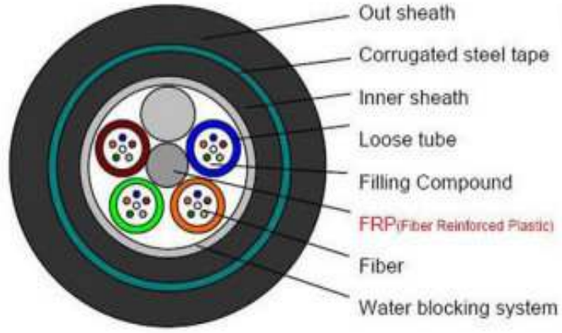
Adopted to Outdoor distribution
Suitable for aerial,duct and buried method
Long distance and local area network communicationCan be installed conveniently and operated simply

Cable specification

Fiber Counts	Loose tube	Cable Diameter(mm)	Weight	Tensile strength (N)		Crush resistance(N)	
			Kg/km	Short term	Long term	Short term	Long term
8	8	12	155	4000	3000	3000	1000
12	6	12	155	4000	3000	3000	1000
16	8	12	155	4000	3000	3000	1000
24	6	12	155	4000	3000	3000	1000
32	8	12	155	4000	3000	3000	1000
48	12	12	155	4000	3000	3000	1000
60	10	12.5	190	4000	3000	3000	1000
72	12	12.5	210	4000	3000	3000	1000
96	12	14.5	235	4000	3000	3000	1000
144	12	14.5	255	4000	3000	3000	1000

UnitekFiber

Outdoor Direct Buried Single Steel Tape Double Jacket Stranded Loose Tube Fiber Optic Cable GYFTY53



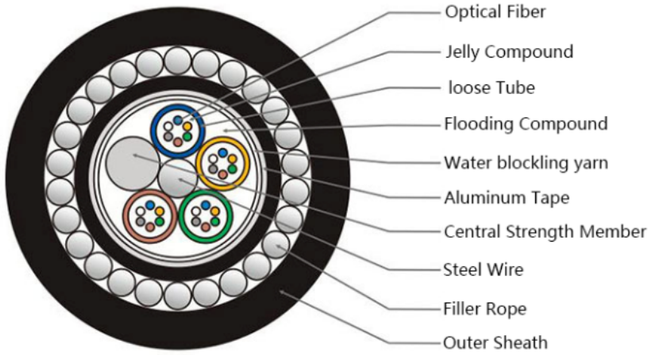
Features

Steel-wire parallel member
Filler protect loose tube fiber
Steel tape armored
Good ultra violet radiation resistant property
Double sheath and double armored
Good moisture-resistance

Application

Core Network, Metropolitan Area Network, and Access Network Outdoor Optical Cable
Laying method: overhead, pipeline
Working temperature: -40° C~+60° C
Bend radius: Static 12.5 times the cable diameter
Dynamic 25 times optical cable diameter

Outdoor Underwater/Direct Buried Steel Wire Steel Tape Stranded Loose Tube Fiber Optic Cable GYTA33



Features

Double-coated aluminum tape longitudinal package ensuring good water and moisture resistance;
Loose sleeve filled with special ointment for critical fiber protection;
Phosphate steel wire central strengthening member;
Phosphate steel wire wrapped armored with good tensile and pressure properties;
Polyethylene sheath makes the cable have good UV resistance.

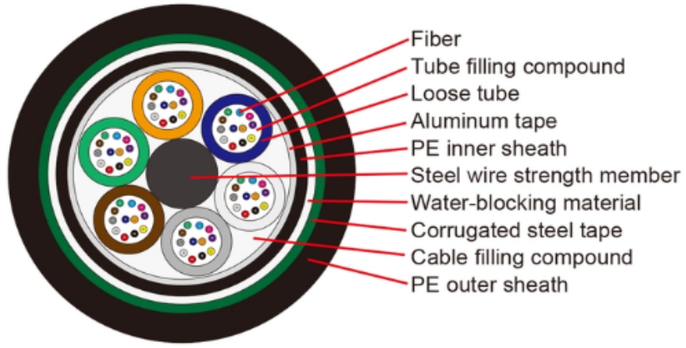
Application

Core Network, Metropolitan Area Network, and Access Network Outdoor Optical Cable
Laying method Directly bury underwater
Working temperature: -40° C~+60° C
Bend radius: Static 15 times the cable diameter
Dynamic 30 times optical cable diameter

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-30	6	450	10000	5000	8000	4000
32-60	12	510	10000	5000	8000	4000
62-72	12	550	10000	5000	8000	4000
74-96	12	630	10000	5000	8000	4000
98-120	12	700	10000	5000	8000	4000
122-144	12	800	10000	5000	8000	4000

Outdoor Direct Buried Double Steel Tape Double Jacket Stranded Loose Tube Fiber Optic Cable GYTA53



Features

Full section water blocking structure, double-coated aluminum tape longitudinal package,ensuring good water and moisture resistance
Loose sleeve filled with special ointment for critical fiber protection
Phosphate steel wire center strengthening member high modulus, corrosion resistance
Easy to branch and ensure the optical fiber is not stressed under harsh environment
Longitudinal double- sided coated steel tape armored, effectively improving the cable resistance to pressure measurement
Polyethylene sheath makes the cable have good UV resistance

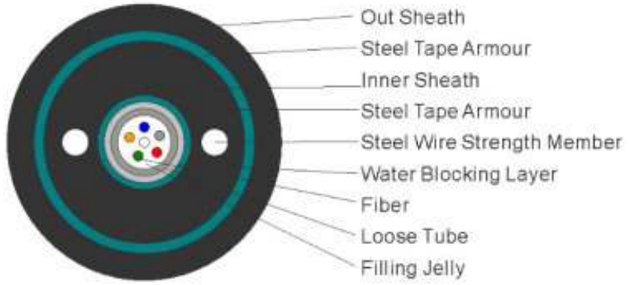
Application

Core Network, Metropolitan Area Network, and Access Network Outdoor Optical Cable
Laying method:Buried directly, pipeline
Working temperature: -40℃~+60℃
Bend radius: Static 12.5 times the cable diameter
Dynamic 25 times optical cable diameter

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-30	6	152	3000	1000	3000	1000
32-60	12	170	3000	1000	3000	1000
62-72	12	195	3000	1000	3000	1000
74-96	12	225	3000	1000	3000	1000
98-120	12	265	3000	1000	3000	1000
122-144	12	300	3000	1000	3000	1000

Outdoor Double Steel Tape Double Jacket Central Loose Tube Fiber Optic Cable GYXTW53



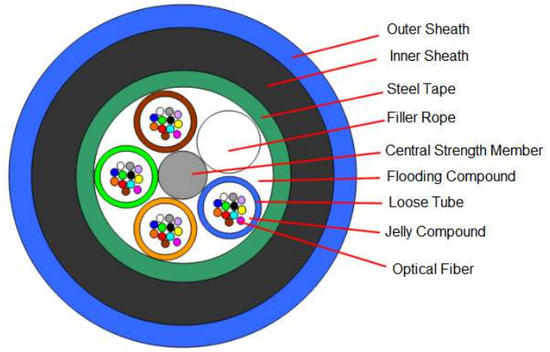
Features

Steel-wire parallel member
Filler protect loose tube fiber
Steel tape armored
Excellent mechanical and environmental performance
Compact structure
Light weight

Application

Adopted to Outdoor distribution
Suitable for aerial, pipeline laying method
Long distance and local area network communication
Can be installed conveniently and operated simply

Outdoor Steel Tape Stranded Loose Tube Fiber Optic Cable for Coal Mine MGTSV



Features

Steel-wire parallel member
Filler protect loose tube fiber
Steel tape armored
Good ultra violet radiation resistant property Double sheath and double armored
Good moisture-resistance

Application

Adopted to Outdoor coal mine;
Suitable for duct installation;
Long distance and local area network communication
Can be installed conveniently and operated simply

Cable specification

Fiber Counts	Loose tube	Weight	Tensile strength (N)		Crush resistance(N)	
		Kg/km	Short term	Long term	Short term	Long term
2-30	6	155	1500	600	1000	300
32-60	12	165	1500	600	1000	300
62-72	12	215	1500	600	1000	300
74-96	12	230	1500	600	1000	300
98-120	12	260	1500	600	1000	300
122-144	12	295	1500	600	1000	300