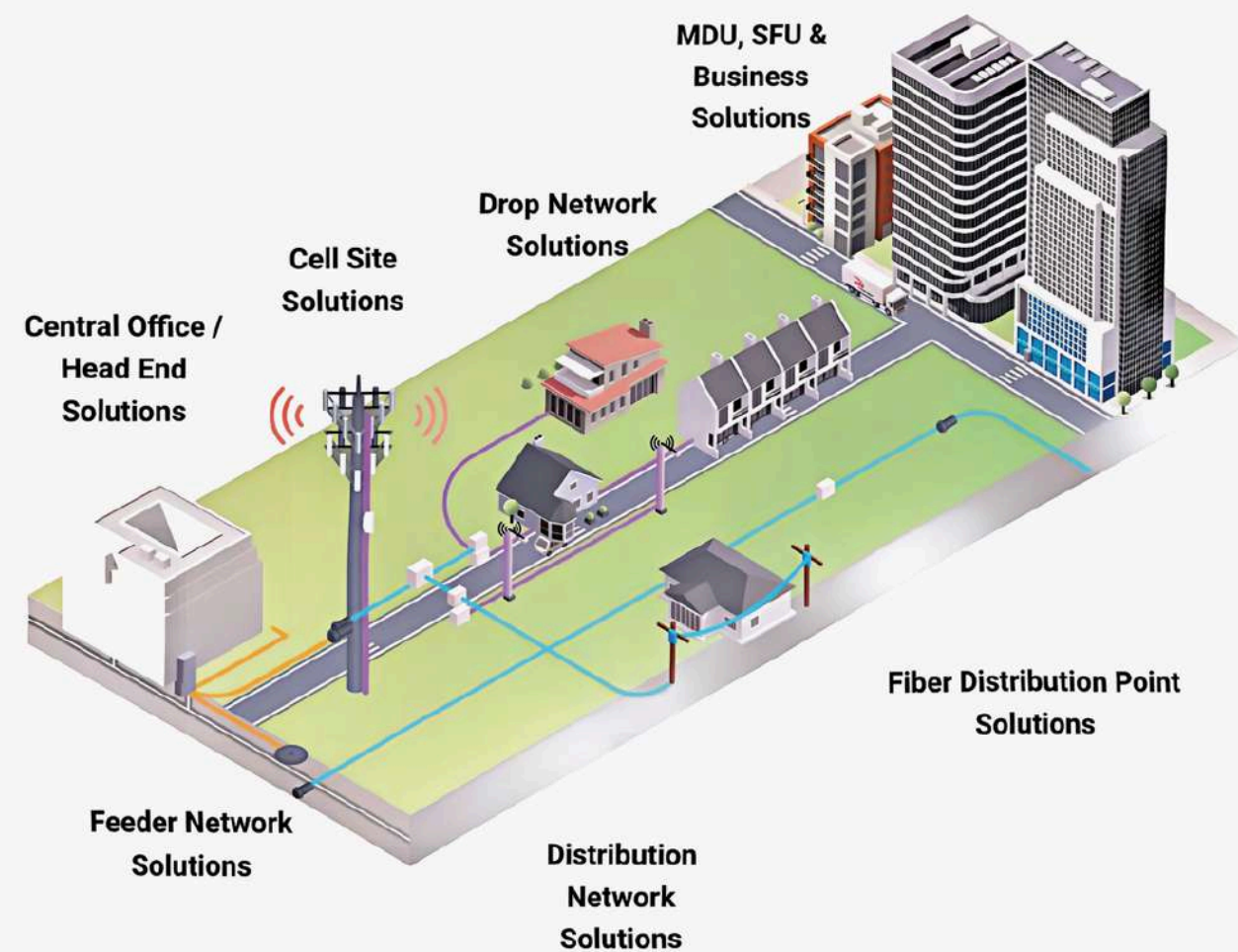


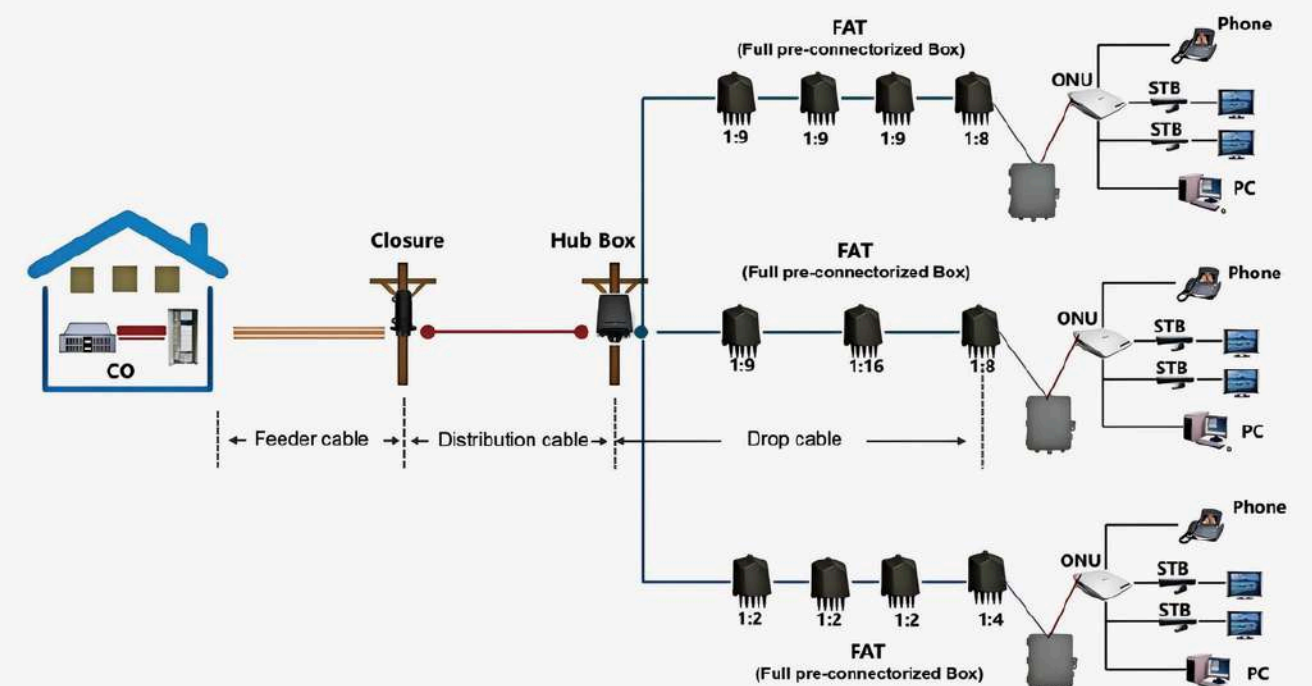
OUR SOLUTION

SENCORE TRADING

FTTX SOLUTION



PRE-CONNECTORIZED ODN SYSTEM





FIBER OPTIC CABLE



FIBER OPTIC CABLE
INSTALLATION
HARDWARE



FIBER OPTIC
SPLICING &
TERMINATION
SYSTEM

01

FIBER OPTIC
CABLE

FIBER OPTIC CABLE
PORTFOLIO

Installation Method	Structure Examples	Go to Section
Aerial Installation	ADSS, ASU, GYFXBY, GYTC8S, GYXTW, GYFXTY	PAGE 3
Duct Installation	GYXTW, GYTA, GYTS, GCYFY, GCYFXTY, EPFU, GYDXTW	PAGE 4
Direct Burial	GYTA53, GYTS53, GYTA33, GYTS33	PAGE 5
Last Mile (FTTR)	FTTH DROP : GJXH, GJXFH, GJYXCH, GJYXFCH	PAGE 27
	ACCESS : 3.0/5.0/7.0 ROUND CABLE, TRANSPARENT	PAGE 28-29
Preconnected series	Drop Cable pigtail (SC/LC), Preconnected cable (HUA/OPTI/FH...)	PAGE 6
Industrial / Special Use	TPU 3.0, TPU 5.0, Hybrid cable	PAGE 30-32
Indoor Cabling	GJFJV, GJFJH	PAGE 33-34
Sheath Options (available for all cable types)		PAGE 7-8

AERIAL INSTALLATION

Cable Description

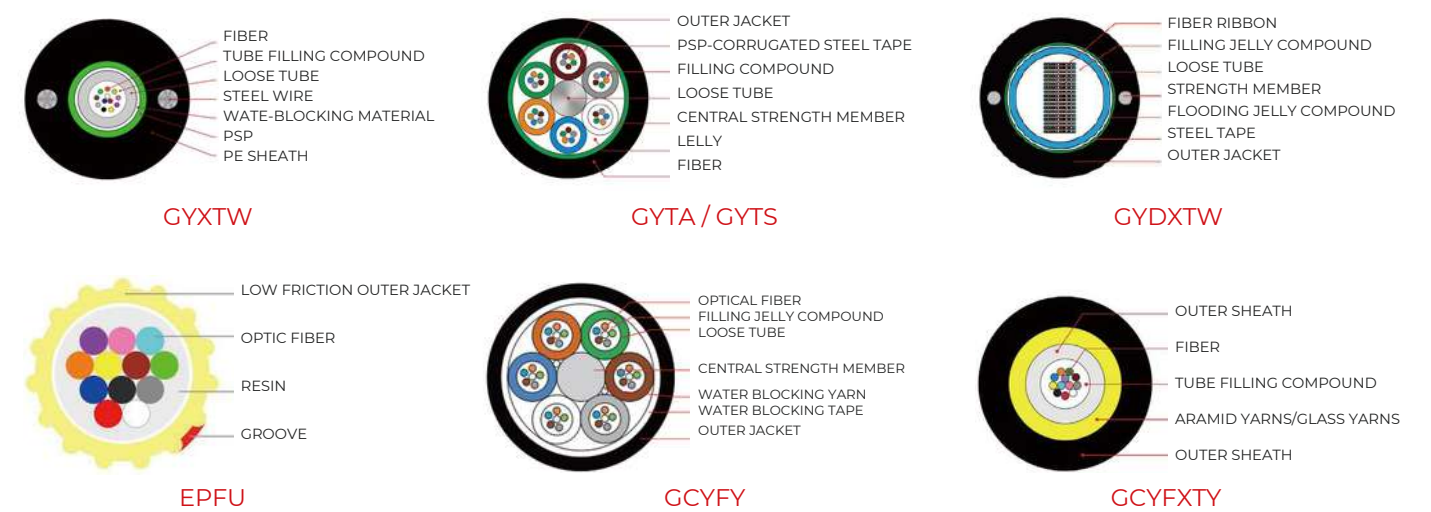


Technical Specification

Model	Fiber Count	Max Span (m)	Structural Features	Recommended Application	Recommended mounting accessories	Page No.
A. Power Transmission / Long Span						
ADSS	1-288	≤1000	All-dielectric self-supporting, aramid reinforced, high voltage resistant	Power line routes, long span, river crossing, transmission lines		P. 9-10
B. Metropolitan / Access (Short Span & Lightweight)						
GYTC8S	1-288	≤300	Figure-8 structure with steel wire messenger	Rural CATV, cost-sensitive aerial routes		P. 14
GYXTW	1-24	≤100	Central loose tube, steel wire strength	Short-to-medium span distribution, general purpose aerial		P. 15
C. General Purpose (Metallic / All-Dielectric Options)						
GYFTY	1-24	≤100	Central loose tube, FRP strength, all-dielectric	Mixed telecom/power pole routes, short-to-medium span, non-conductive solution	—	P. 13
ASU (mini ADSS)	1-24	≤150	Small all-dielectric ADSS, lightweight	City poles, access short span		P. 11
GYFXBY	1-12	≤80	All-dielectric, small fiber count, FRP reinforced	Metropolitan branches, building access		P. 12

DUCT INSTALLATION

Cable Description

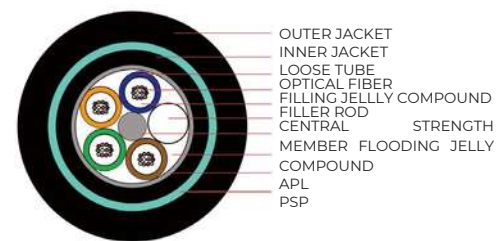


Technical Specification

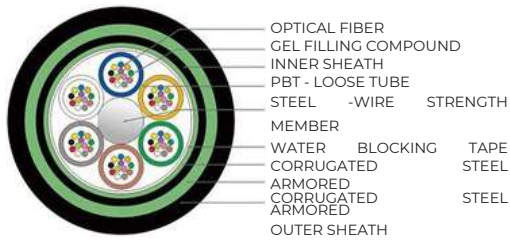
Model	Fiber Count	LTR (N)	STR (N)	Structural Features	Recommended Application	Page No.
A. Conventional Armored Cables (Backbone & Protection)						
GYXTW	1-24	600	1500	Central loose tube, double steel wires	Standard duct/direct buried, short-to-medium backbone, cost-effective	P. 15
GYTA / GYTS	1-288	1000	3000	Stranded loose tube + metallic armor (Aluminum/Steel tape)	High fiber count backbone; Steel tape version for anti-rodent, shallow buried	P. 16-17
GYDXTW	1-432	1000	3000	Ribbon fiber, steel tape armored, high splicing efficiency	High fiber count backbone, projects requiring fast deployment	P. 21
B. Metropolitan / Access (Short Span & Lightweight)						
EPFU	1-12	600	1500	Microduct fiber unit, all-dielectric	Blown fiber installation, FTTx access	P. 20
GCYFY	1-576	1000	3000	High-density microduct cable, all-dielectric	Large fiber count FTTx, long-distance microduct deployment	P. 18
GCYFXTY	1-24	600	1500	Small fiber count, all-dielectric, aramid yarn strength	Access networks, suitable for aerial + microduct mixed installation	P. 19

DIRECT BURIAL

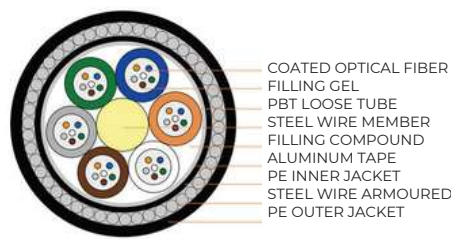
Cable Description



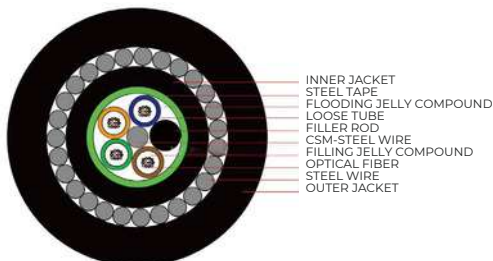
GYTA53



GYTS53



GYTS33



GYTA33

Technical Specification

Model	GYTA53	GYTS53	GYTA33	GYTS33
Fiber Count (cores)	1-288	1-288	1-288	1-288
Rodent prevention	✓ Standard	✓ Standard	✓ Enhanced	✓ Enhanced
All-dielectric	✗	✗	✗	✗
Crush resistance (N/100mm)	1500/3000	1500/3000	5000	3000/5000
Typical application locations	For long-haul direct burial backbones in rural or open-field routes without ducts.	For direct burial in moist soil areas and shallow trench deployments.	For mountainous or rocky terrain, areas exposed to heavy machinery or construction activity.	For urban roads, ports, and other high-risk underground direct burial routes.
Spec Page	23	24	25	26



PRECONNECTED SERIES

Model	SCAPC	Mini SC	Opti SC	Multi
IP Level	-	ip67 /ip68	ip67 / ip68	ip67 / ip68
Suitable Cable				
Length	Customizable			
Package				

CONNECTOR

Length (mm)	55/60	53	50	53	59	—
Polish	UPC/APC					
Insertion Loss	UPC≤0.35dB / APC≤0.3dB					
Return Loss	UPC≥50dB / APC≥55dB					
Cable Diameter	DROP CABLE : 2x1.6mm/2x3.0mm /2.0x5.0mm ROUND CABLE : 5.0mm/3.0mm/2.0mm					
IP Level	—	—	—	—	—	Ip67/68
Installation						

Sheath Options (available for all cable types)

Material	Flexibility	Strength / Abrasion Resistance	Weather & Chemical Resistance	Temperature Range	Typical Applications	Notes
HDPE	★	★★★★	★★★★	-40°C ~ +70°C	Outdoor, direct burial, power & telecom, duct	Commonly used outdoor sheath
MDPE	★★	★★	★★☆	-40°C ~ +70°C	Outdoor cables, slight bending routes	Commonly used outdoor sheath. More flexible than HDPE, better stress-crack resistance
LDPE	★★★★	★	★★	-30°C ~ +60°C	Indoor cables, flexible sheath	Soft sheath and light protection applications
PVC	★★	★★	★★	-20°C ~ +70°C	Indoor cables, control cables, some outdoor	Good flame-retardancy, widely used indoors
LSZH / LSOH	★★	★★	★★	-20°C ~ +70°C	Indoor, subway, building interiors	Mandatory for fire safety-critical applications
TPU	★★★★★	★★★★	★★☆	-40°C ~ +80°C	Drag cables, robotic / military cables	Superior flexibility & chemical resistance, recyclable



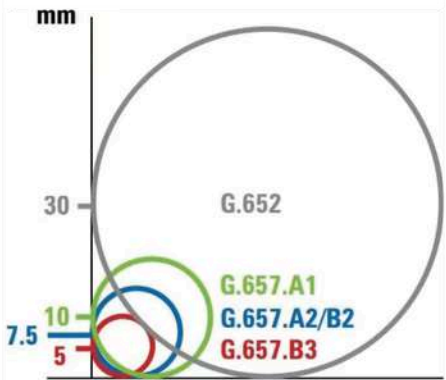
Fiber Type Selection Guide — Technical, Procurement & Cost Perspective

1. TECHNICAL COMPARISON (ITU-T STANDARDS)

Fiber Type	Minimum Bend Radius	Key Features	Typical Scenarios	Market Availability	Relative Cost
G.652.D	~30 mm	Standard single-mode, lowest attenuation, proven reliability	Backbone, long-haul duct and aerial cables	★★★★★ Very common	\$ (Lowest)
G.657.A1	~10 mm	Bend-insensitive, backward compatible with G.652	Metro and access ducts, moderate bends	★★★★☆ High	\$\$ (Medium-High)
G.657.A2 / B2	~7.5 mm	High bend-insensitivity, excellent compatibility	FTTx, building risers, microduct installations	★★★ Moderate	\$\$\$ (Medium-High)
G.657.B3	~5 mm	Ultra bend-insensitive, very flexible	Indoor wiring, data centers, patch cords	★★ Limited	\$\$\$\$ (Highest)

2. APPLICATION + PROCUREMENT GUIDE

Network Layer	Recommended Fiber	Why	Procurement Reality
	G.652.D	Standard single-mode, lowest attenuation, proven reliability	Backbone, long-haul duct and aerial cables
	G.657.A1	Bend-insensitive, backward compatible with G.652	Metro and access ducts, moderate bends
	G.657.A2 / B2	High bend-insensitivity, excellent compatibility	FTTx, building risers, microduct installations
	G.657.B3	Ultra bend-insensitive, very flexible	Indoor wiring, data centers, patch cords



3. KEY TAKEAWAYS FOR DECISION-MAKERS

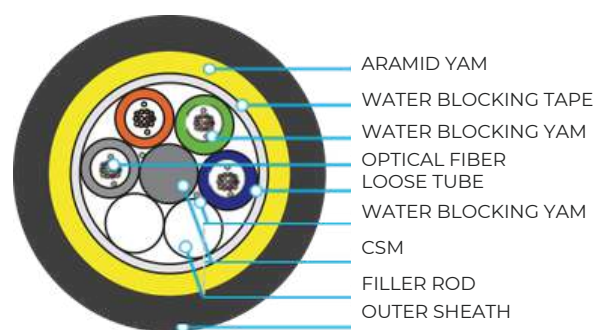
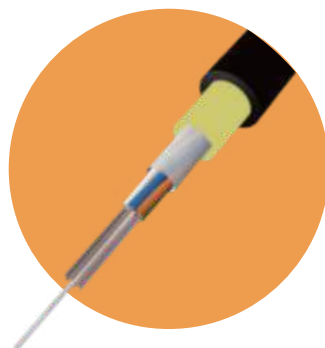
- Procurement Note: Avoid over-specification. In most projects, selecting G.652.D or G.657.A1 balances performance, availability, and cost. Higher-grade bend-insensitive fibers (A2/B2/B3) should only be chosen when the installation environment truly requires them.
- 80% of projects → G.652.D is sufficient (low cost, very common).
- 20% of projects → G.657.A1 when moderate bend tolerance is required (best cost-performance balance).
- Specialized cases → G.657.A2/B2 or B3 for niche indoor/FTTx needs (higher cost, limited supply).

Choosing the right fiber type ensures both **technical fit** and **procurement efficiency**: available in market, cost-effective, and matched to project requirements.

AERIAL INSTALLATION, ADSS(SINGLE SHEATH)

Products

Cable Description



Technical data

Fiber: Up to 288, Water blocking material

Fiber Types: Single-mode or multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: FRP

Span: 50/80/100/120/150/200(m)

Sheath Options: Single PE/AT sheath

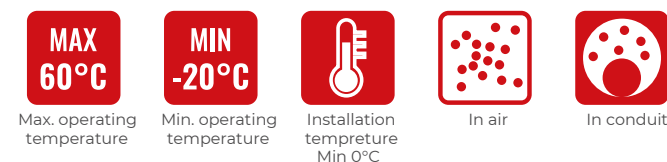
Aarmor: Aramid

Operating Temperature: -20°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance
- Good water resistance performance
- Gel-filled and All dry are available
- All dielectric material good for application in thunder area
- Aramid yarn provide good tensile strength



Technical Specification

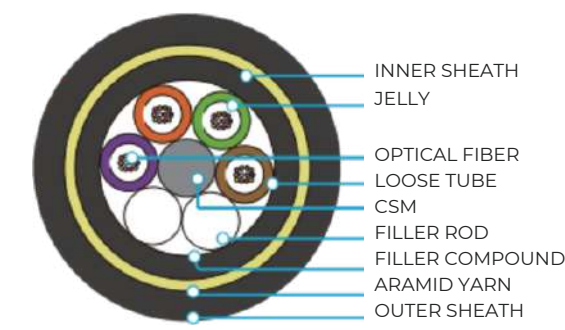
Fiber Count	Span(Meter)	Diameter(MM)	MAT(KN)	Ice cover(MM)	Wind speed(M/S)
6	100	9.0-10.5	1.8	0	25
12	100	9.0-10.5	1.8	0	25
24	100	9.0-10.5	1.8	0	25
48	100	9.0-10.5	1.8	0	25
72	100	9.0-10.5	1.8	0	25
96	100	11.0	2.5	0	25
144	100	11.0	2.5	0	25

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

AERIAL INSTALLATION, ADSS(DOUBLE SHEATH)

Products

Cable Description



Technical data

Fiber: Up to 288, Gel-filled

Fiber Types: Single-mode or multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: FRP

Span: 200~1500 (m)

Sheath Options: Double PE/AT sheath

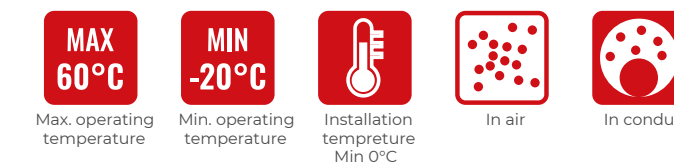
Aarmor: Aramid yarn

Operating Temperature: -20°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance
- Good water resistance performance
- Gel-filled and All dry are available
- All dielectric material good for application in thunder area
- Aramid yarn provide good tensile strength



Technical Specification

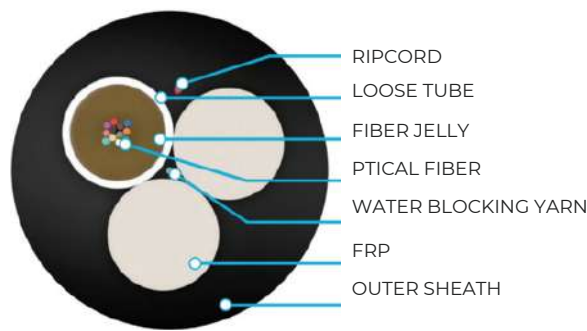
Fiber Count	Span(Meter)	Diameter(MM)	MAT(KN)	Ice cover(MM)	Wind speed(M/S)
48	200	12.2	3.77	0	25
48	300	12.3	5.33	0	25
48	400	12.5	7.06	0	25
48	500	12.9	9.02	0	25
48	600	13.0	10.5	0	25
48	700	13.2	11.97	0	25
48	800	13.4	13.94	0	25
48	900	13.5	15.41	0	25
48	1000	13.7	17.37	0	25
48	1500	15.5	25.8	0	25

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

AERIAL INSTALLATION, MINI ADSS /ASU

Products

Cable Description

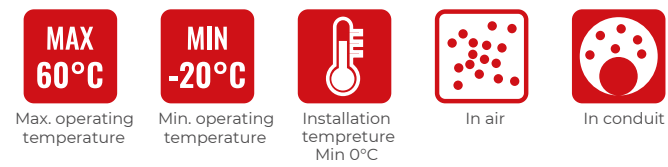


Technical data

Fiber: Up to 24, Water blocking material
Fiber Types: Single-mode and multimode
Operating Temperature: -20°C~+60°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Small size and lightweight, save shipping
- Two FRPs as strength members to provide good tensile performance
- Gel-filled or gel-free, waterproof
- The sheath has good UV radiation resistance, small diameter, light weight and easy to lay
- Low replacement cost, easy to save budget



Technical Specification

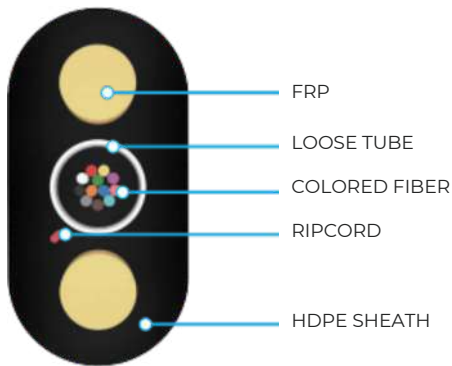
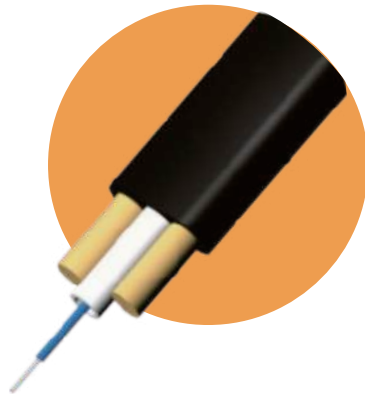
Cable type	Fiber cores	Tensile Strenght		Crush Resistance		Minmum bend radius		Cable diameter	Cable weight
		Short term	Long term	Short term	Long term	Dynamic	Static		
ASU80	2~24	1500	600	1000	300	25D	15D	6.2	44.
ASU100	2~24	1500	600	1000	300	25D	15D	6.6	0
ASU120	2~24	1500	600	1000	300	25D	15D	8.0	45.0

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

AERIAL INSTALLATION, GYFXBY

Products

Cable Description

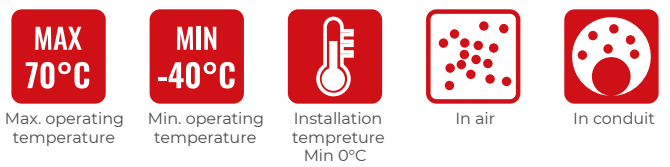


Technical data

Fiber: Up to 12 core
Fiber Types: Single-mode and multimode
Cable Constructions: Central tube
Strength Member: Parallel FRP
Sheath Options: Single PE Sheathh
Operating Temperature: -40°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and temperature performance
- Critical protection to fibers, based on the excellent hydrolysis resistance
- Two parallel FRP ensure the tensile strength of the cable
- Excellent ultraviolet prevention with PE sheath, small diameter, light weight and installation friendliness



Technical Specification

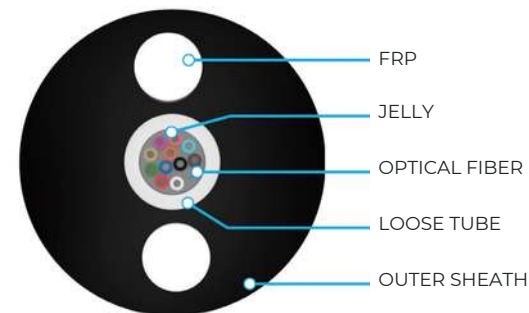
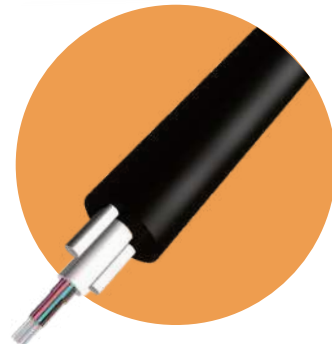
Cable type	Fiber cores	Cable diameter (mm)	Tensile Strenght(N)		Crush Resistance (N/100mm)		Minmum bend radius (mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GYFXBY	2~12	4.5~8.5	1500	600	1000	300	20D	10D

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

DIRECT BURIAL, GYFXTY

Products

Cable Description



Technical data

Fiber: Up to 24, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: Central tube

Strength Member: Parallel FRP and aramid yarn

Sheath Options: Single PE Sheath

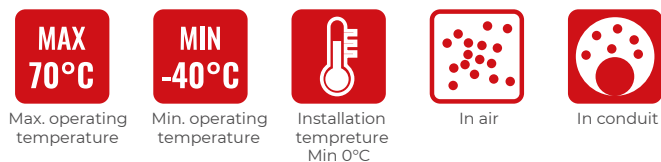
Aarmor: Aramid yarn

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and temperature performance
- Critical protection to fibers, based on the excellent hydrolysis resistance .
- Two parallel FRP ensure the tensile strength of the cable
- Excellent ultraviolet prevention with PE sheath, small diameter, light weight and installation friendliness



Technical Specification

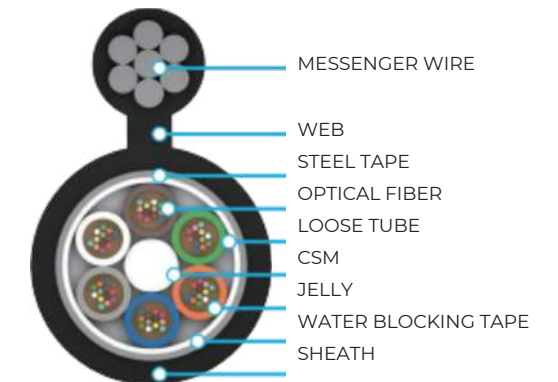
Cable type	Fiber cores	Cable diameter (mm)	Tensile Strenght(N)		Crush Resistance (N/100mm)		Minum bend radius (mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
GYFXTY	2~12	5.5~6	1000	500	1000	300	20D	10D

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

AERIAL INSTALLATION, GYTC8S

Products

Cable Description



Technical data

Fiber: Up to 288 core, Gel-filled

Fiber Types: Single-mode and multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: Stranded steel wires

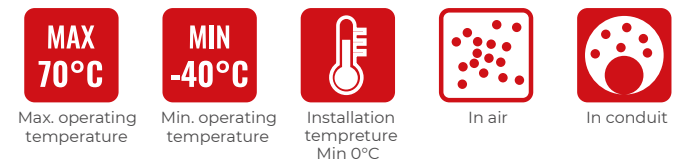
Sheath Options: Single PE Sheathh

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and temperature performance
- Critical protection to fibers



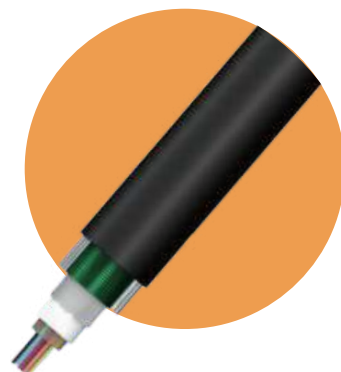
Technical Specification

Cable type	Fiber cores	Tensile Strenght		Crush Resistance		Minum bend radius		Cable diameter	Cable weight
		Short term	Long term	Short term	Long term	Dynamic	Static		
GYTC8S	2~30	6000	2000	1000	300	20D	10D	9.5*19.1	160.0
GYTC8S	32~36	6000	2000	1000	300	20D	10D	10.1*19.7	170.0
GYTC8S	38~60	6000	2000	1000	300	20D	10D	10.8*20.4	180.0
GYTC8S	62~72	6000	2000	1000	300	20D	10D	12.4*22.0	195.0
GYTC8S	74~96	6000	2000	1000	300	20D	10D	13.1*22.7	222.0
GYTC8S	98~120	6000	2000	1000	300	20D	10D	15.7*22.3	238.0
GYTC8S	122~144	6000	2000	1000	300	20D	10D	15.5*25.1	273.0

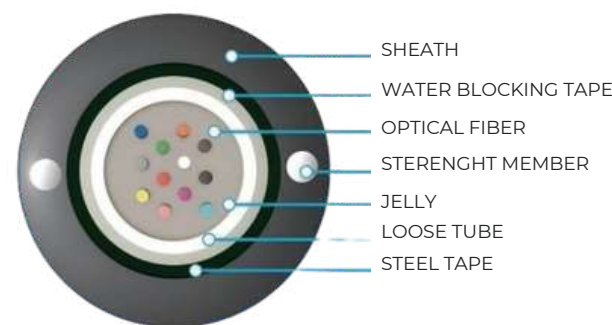
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

AERIAL&DUCT INSTALLATION, GYXTW

Products



Cable Description



Technical data

Fiber: Up to 24, Gel-filled

Fiber Types: Single-mode and multimode

Cable Constructions: Central tube

Strength Member: Parallel Steel wire

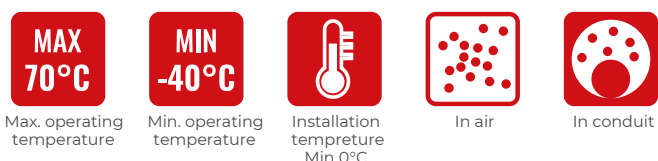
Aarmor: Corrugated steel tape

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and temperature performance
- Critical protection to fibers, based on the excellent hydrolysis resistance
- Excellent crush resistance and flexibility
- PSP enhances the cable crush-resistance, impact-resistance and moisture-proof
- Two parallel steel wires ensure tensile strength
- Excellent ultraviolet prevention with PE sheath, small diameter, light weight and installation friendliness



Technical Specification

Cable type	Fiber cores	Tensile Strength		Crush Resistance		Minimum bend radius		Cable diameter	Cable weight
		Short term	Long term	Short term	Long term	Dynamic	Static		
GYXTW	2~12	1500	600	1000	300	20D	10D	7.8~8.0	78

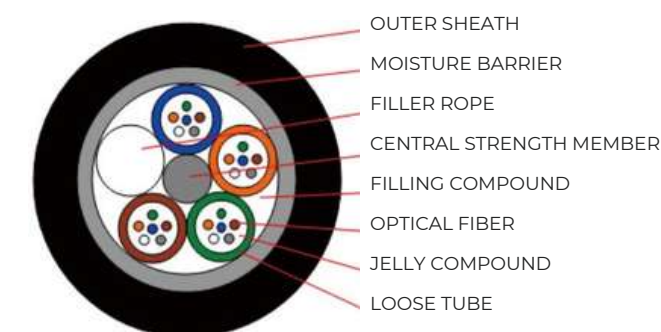
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DUCT INSTALLATION, GYTA

Products



Cable Description



Technical data

Fiber: Up to 288, Gel-filled

Fiber Types: Single-mode

Cable Constructions: S-Z Stranded loose tube

Strength Member: Steel wire

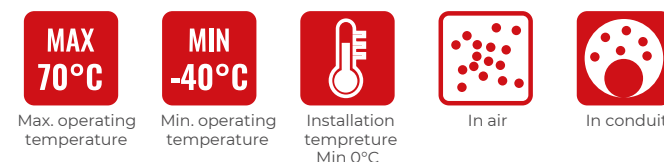
Sheath Options: MDPE

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical performance and temperature stability
- High-strength, hydrolysis-resistant loose tubes
- Special filling compound offers critical fiber protection
- Compact structure design prevents tube shrinkage
- High crush resistance and good flexibility
- PE sheath protects against ultraviolet (UV) radiation.
- Full waterproof structure using
- Central steel wire strength member
- Tube filling compound
- 100% cable core filling
- PSP moisture-proof barrier



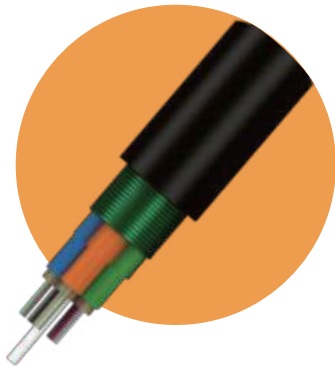
Technical Specification

Cable type	Fiber cores	Tensile Strength		Crush Resistance		Minimum bend radius	
		Short term	Long term	Short term	Long term	Dynamic	Static
GYTA	2~30	1500	600	1500	600	20D	10D
GYTA	32~36	1500	600	1500	600	20D	10D
GYTA	38~60	1500	600	1500	600	20D	10D
GYTA	62~72	1500	600	1500	600	20D	10D
GYTA	74~96	1500	600	1500	600	20D	10D
GYTA	98~120	1500	600	1500	600	20D	10D
GYTA	122~144	1500	600	1500	600	20D	10D
GYTA	146~288	1500	600	1500	600	20D	10D

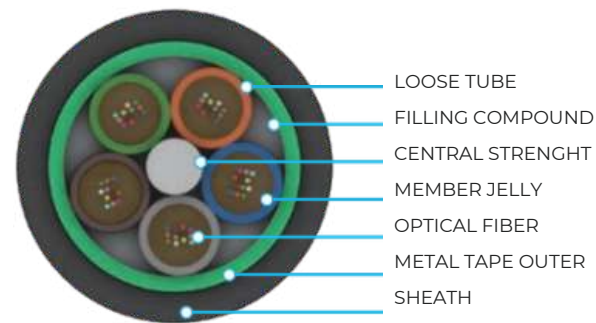
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DUCT INSTALLATION, GYTS

Products



Cable Description



Technical data

Fiber: Up to 288, Gel-filled

Fiber Types: Single-mode or multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: Steel wire

Sheath Options: Single PE Sheath

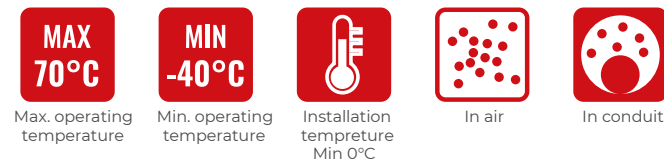
Aarmor: Corrugated steel tape

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- The following measures are taken to ensure the water blocking performance of the cable
- Single steel wire/FRP used as the central strength member
- Special water-blocking filling compound in the loose tube
- 100% cable core filling, APL/PSP moisture barrier



Technical Specification

Cable type	Fiber cores	Cable diameter	Cable weight (mm)	Tensile Strength		Crush Resistance		Minimum bend radius	
				Short term	Long term	Short term	Long term	Dynamic	Static
GYTS	2~30	8.5	65	1500	600	1000	300	20D	10D
GYTS	32~36	9.4	70	1500	600	1000	300	20D	10D
GYTS	38~60	9.5	85	1500	600	1000	300	20D	10D
GYTS	62~72	10.0	105	1500	600	1000	300	20D	10D
GYTS	74~96	11.9	130	1500	600	1000	300	20D	10D
GYTS	98~120	14.4	190	1500	600	1000	300	20D	10D
GYTS	122~144	14.6	200	1500	600	1000	300	20D	10D
GYTS	146~288	16.5	245	1500	600	1000	300	20D	10D

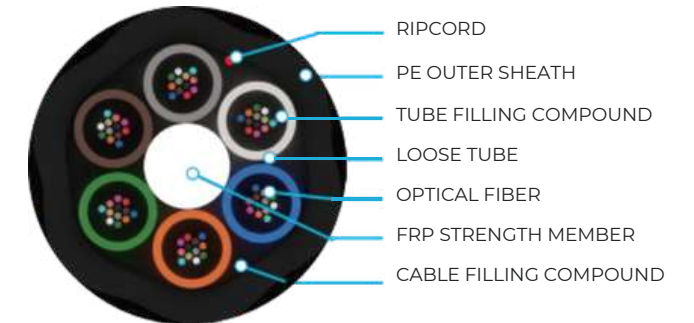
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DUCT INSTALLATION, GCYFY

Products



Cable Description



Technical data

Fiber: Up to 576

Fiber Types: Single-mode or multimode

Cable Types: Micro Duct Air Blowing Fiber Optic Cable

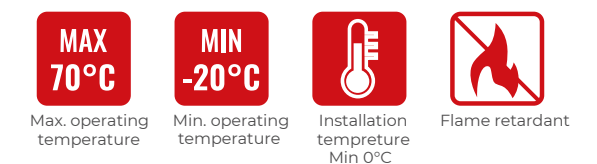
Sheath Options: Single PE Sheath

Operating Temperature: -20°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Micro module optical fibers and jelly inside
- Easy to strip the micro module by ripcord
- Optional; Aramid yarns and water-blocking yarns
- Smooth outer sheath reduces friction and eases installation



Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Cable weight (KG/KM)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GCYFY	2~72	5.6	26	1200	500	450	100	20D	10D
GCYFY	96	6.4	46	1200	500	450	100	20D	10D
GCYFY	144	7.8	48	1200	500	450	100	20D	10D
GCYFY	288	10	85	1200	500	450	100	20D	10D

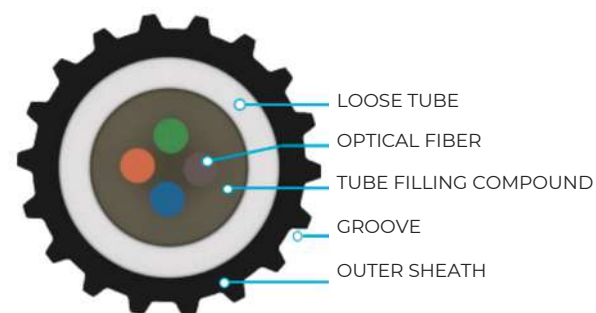
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DUCT INSTALLATION, GCYFXTY

Products



Cable Description



Technical data

Fiber: Up to 24, tight buffered fiber

Fiber Types: Single-mode or multimode

Cable Types: Micro Duct Air Blowing Fiber Optic Cable

Sheath Options: Single PE Sheath

Operating Temperature: -20°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Smooth sheath reduces friction ensuring good air blowing performance
- Simple structure, easy to strip
- Small cable diameter, high flexibility and low cost
- Aramid yarn increases tensile strength and is easy to handle
- The uniform thickness of the sheath makes it difficult to break when installed at right angles of complex street ducts.



Max. operating temperature



Min. operating temperature



Installation temperature Min 0°C



Flame retardant

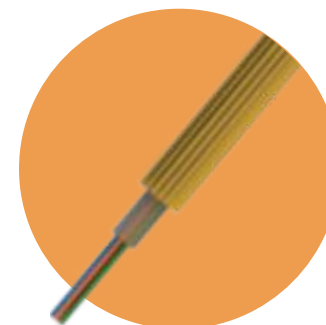
Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Cable weight (kg/km)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GCYFXTY	2	3.0	8	60	30	450	300	20D	10D
GCYFXTY	4	3.0	8	60	30	450	300	20D	10D
GCYFXTY	6	3.0	8	60	30	450	300	20D	10D
GCYFXTY	8	3.0	8	60	30	450	300	20D	10D
GCYFXTY	12	3.0	8	60	30	450	300	20D	10D
GCYFXTY	24	3.2	8.5	60	30	450	300	20D	10D

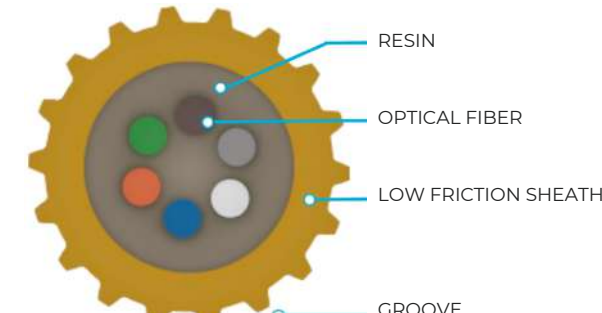
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DUCT INSTALLATION, EPFU

Products



Cable Description



Technical data

Fiber: Up to 12

Fiber Types: Single-mode

Cable Types: Micro Duct Air Blowing Fiber Optic Cable

Sheath Options: LSZH or HDPE

Operating Temperature: -20°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- It is suitable to be placed in 5.0/3.5mm of silicon tubes and bundled tubes. The optical fiber is coated in soft acrylic UV-curable resin. The resin acts as a buffer layer to provide excellent dimensional and thermal stability. In addition, it can be easily peeled off from the optical fiber during installation;



Max. operating temperature



Min. operating temperature



Installation temperature Min 0°C



Flame retardant

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Cable weight (KG/KM)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius(mm)	
				Short term	Short term	Short term	Short term	Dynamic	Static
EPFU	2 4	1.13	1	50	100	20D	10D		
EPFU	6 8	1.18	1	50	100	20D	10D		
EPFU		1.35	1.3	50	100	20D	10D		
EPFU		1.55	1.8	50	100	20D	10D		
EPFU	12	1.65	2.2	50	100	20D	10D		

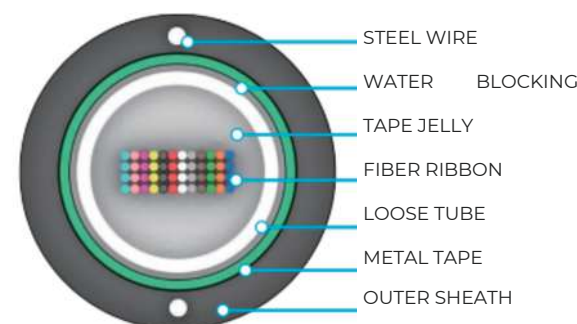
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DUCT INSTALLATION, GYDXTW

Products



Cable Description



Technical data

Fiber: Up to 432, Gel filled

Fiber Types: Single-mode/ multimode fiber ribbon

Cable Constructions: Central tube

Strength Member: Parallel steel wire

Sheath Options: Single PE Sheathh

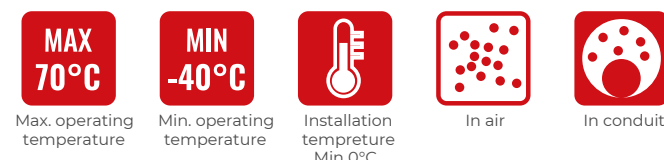
Aarmor: Corrugated steel tape

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance
- Good water resistance performance
- High fiber density
- Easy to install
- Armored with anti-moisture steel tape



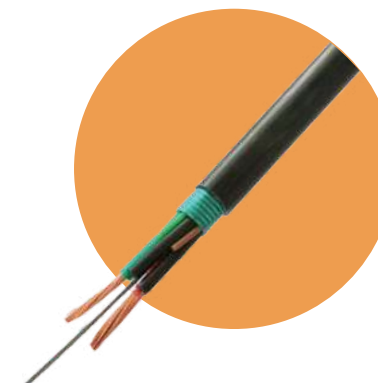
Technical Specification

Cable type	Maximum cores	Tensile Strength		Crush Resistance		Minimum bend radius		Cable diameter	Cable 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

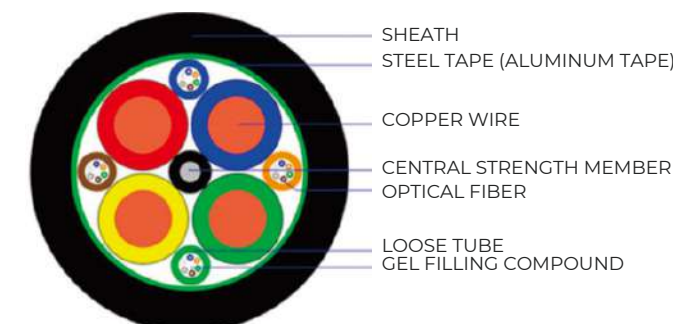
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DUCT INSTALLATION, GDTS

Products



Cable Description



Technical data

Fiber: Up to 48, Gel filled

Fiber Types: Single-mode/ multimode fiber ribbon

Cable Constructions: Loose tube with gel filling

Strength Member: Steel wire strand (or parallel steel wire)

Sheath Options: Single PE Sheathh

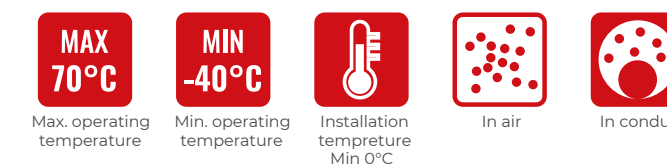
Aarmor: Corrugated steel tape

Operating Temperature: -40°C~+70°C

Compliances: Compliant with IEC, ITU, and EIA standards

Features

- Accurate process control ensuring good mechanical and temperature performances
- Optical and electrical hybrid design, solving the problem of power supply and signal transmission
- Providing manageability of power and reducing coordination and maintenance of power supply
- *Reducing procurement costs and saving construction costs
- *Mainly used to connect BBU,RRU in DC remote power supply system for distributed base station
- *Applicable to Duct aerial installation



Technical Specification

Cable type	Maximum cores	Cable diameter (mm)	Cable weight (KG/KM)	Tension(N)		Crush Resistance(N/100mm)	
				Short term	Long term	Short term	Long term
GDTS	24Xn+2×1.5	11.6	157	1500	600	1000	300
GDTS	24Xn+2×2.5	12.5	190	1500	600	1000	300
GDTS	24Xn+2×4.0	14.6	241	1500	600	1000	300
GDTS	24Xn+2×5.0	15	282	1500	600	1000	300
GDTS	24Xn+2×6.0	15.7	300	1500	600	1000	300
GDTS	24Xn+2×8.0	16.9	383	1500	600	1000	300

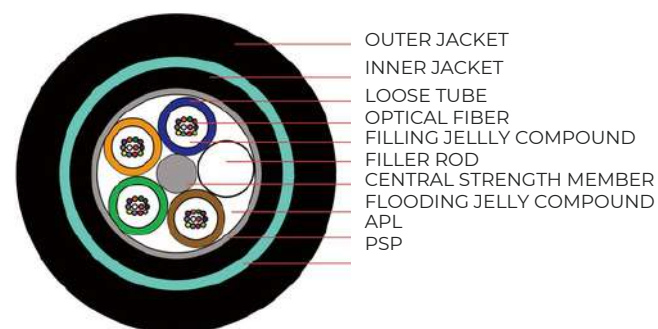
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DIRECT BURIAL, GYTA53

Products



Cable Description



Technical data

Fiber: Upto 288, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: FRP

Sheath Options: Double Sheath

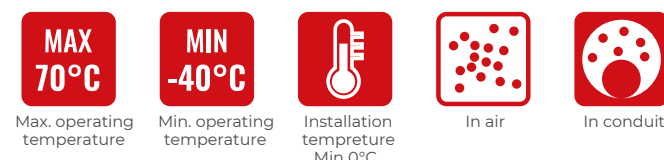
Aarmor: Corrugated steel tape

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Single steel wire/FRP used as the central strength Member
- Special water-blocking filling compound in the loose tube
- 100% cable core filling, APL and PSP moisture barrier



Technical Specification

Cable type	Fiber cores	Cable diameter (mm)	Cable weight (KG/KM)	Tensile Strenght(N)		Crush Resistance(N/100mm)		Minmum bend radius (mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GYTA53	2~12	12.5	160	3000	1000	3000	1500	20D	10D
GYTA53	14~36	12.8	165	3000	1000	3000	1500	20D	10D
GYTA53	38~72	13.4	185	3000	1000	3000	1500	20D	10D
GYTA53	74~96	14.9	220	3000	1000	3000	1500	20D	10D
GYTA53	122~144	17.4	290	3000	1000	3000	1500	20D	10D
GYTA53	146~216	17.7	300	3000	1000	3000	1500	20D	10D

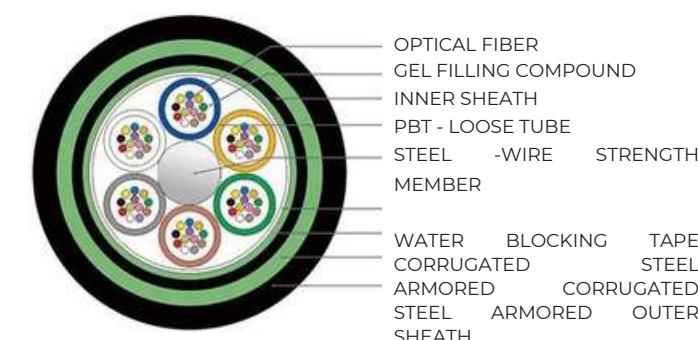
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

DIRECT BURIAL, GYTS53

Products



Cable Description



Technical data

Fiber: Upto 288, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: FRP

Sheath Options: Double Sheath

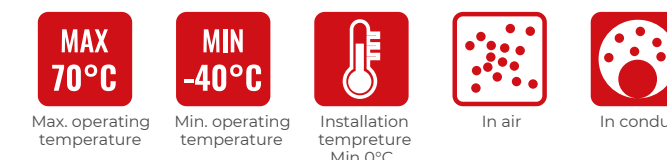
Aarmor: Corrugated steel tape

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent Anti-rodent performance
- Excellent crush resistance
- Direct-buried installation and aerial installation



Technical Specification

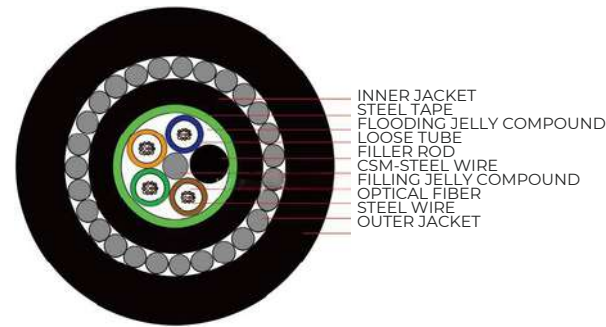
Cable type	Fiber cores	Cable diameter (mm)	Cable weight (KG/KM)	Tensile Strenght(N)		Crush Resistance(N/100mm)		Minmum bend radius (mm)	
				Short term	Long term	Short term	Long term	Dynamic	Static
GYTS53	2~12	12.5	160	3000	1000	3000	1500	20D	10D
GYTS53	14~36	12.8	165	3000	1000	3000	1500	20D	10D
GYTS53	38~72	13.4	185	3000	1000	3000	1500	20D	10D
GYTS53	74~96	14.9	220	3000	1000	3000	1500	20D	10D
GYTS53	122~144	17.4	290	3000	1000	3000	1500	20D	10D
GYTS53	146~216	17.7	300	3000	1000	3000	1500	20D	10D

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

DIRECT BURIAL, GYTA33

Products

Cable Description



Technical data

Fiber: Upto 288, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: Steel wire

Sheath Options: Double PE Sheath

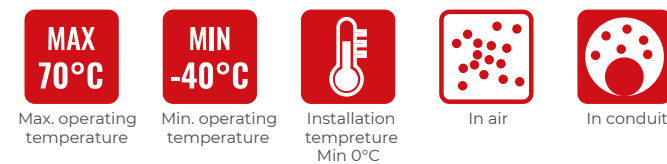
Aarmor: Aluminum tape +steel wires

Operating Temperature: -40°C~+70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Full-section water-blocking structure ensures good water and moisture resistance
- The loose tube is filled with special grease to critically protect the fiber
- The phosphating steel wire center reinforcement member has high modulus and corrosion resistance
- Vertically wrapped double-sided wrinkled aluminum strip, fine round wire wrapped around the package to ensure the mechanical compression, tensile, anti rodent, elastic energy of the cable, to meet the application requirements of vertical burying and underwater laying
- The product has a service life of more than 30 years



Technical Specification

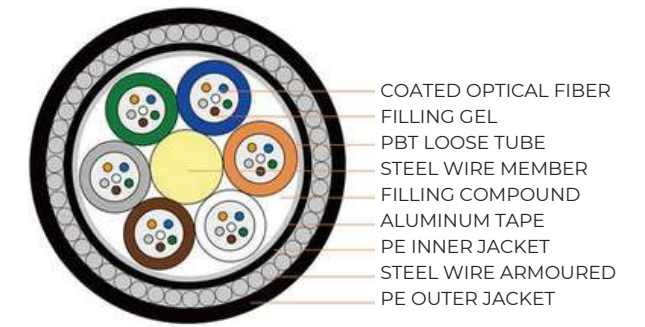
Cable type	Fiber cores	Structure	Fiber tube diameter	Loose tube diameter	CSM diameter/pad diameter	Crush Resistance	Minimum bend radius	Cable diameter	Cable weight
GYTA33	12	1+5	6	1.7	1.4/1.4	5000N/100mm	1.8	13.0	270.0
GYTA33	24	1+5	6	1.7	1.4/1.4	5000N/100mm	1.8	13.0	271.0
GYTA33	48	1+6	6	1.7	1.8/1.8	5000N/100mm	1.8	13.0	292.0
GYTA33	60	1+5	12	2.0	1.4/1.4	5000N/100mm	1.8	13.7	295.0
GYTA33	72	1+6	12	2.0	2.0/2.0	5000N/100mm	1.8	14.4	335.0
GYTA33	96	1+8	12	2.0	1.8/3.5	5000N/100mm	1.8	16.0	389.0
GYTA33	144	1+12	12	2.0	1.8/6.3	5000N/100mm	1.8	19.4	601.0

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

DIRECT BURIAL, GYTS33

Products

Cable Description



Technical data

Fiber: Up to 288 fibers, gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: Phosphated steel wire (central)

Sheath Options: Double PE Sheath

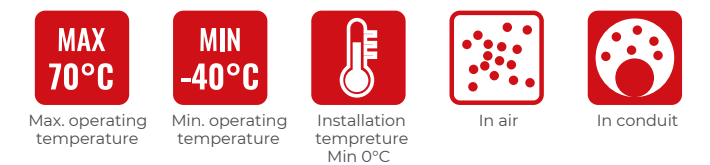
Aarmor: Vertically wrapped corrugated aluminum tape with fine round steel wire

Operating Temperature: -40°C~+70°C

Compliances: Meets IEC, ITU, and EIA standards

Features

- Excellent mechanical and temperature properties are guaranteed by precise excess fibers.
- The key protection of fiber is based on excellent hydrolysis resistance.
- It has excellent compression resistance and flexibility.
- PSP enhances the compression resistance, impact resistance, and moisture resistance of the cable.
- The steel wires ensure tensile strength.



Technical Specification

Cable type	Maximum cores	Tensile Strength		Crush Resistance		Minimum bend radius		Cable diameter	Cable weight
		Short term	Long term	Short term	Long term	Dynamic	Static		
GYTS33	30	10000	4000	5000	3000	25D	12.5D	14.8	352
GYTS33	36	10000	4000	5000	3000	25D	12.5D	15.1	375
GYTS33	60	10000	4000	5000	3000	25D	12.5D	15.7	382
GYTS33	72	10000	4000	5000	3000	25D	12.5D	16.3	436
GYTS33	96	10000	4000	5000	3000	25D	12.5D	17.9	511
GYTS33	144	10000	4000	5000	3000	25D	12.5D	20.6	646

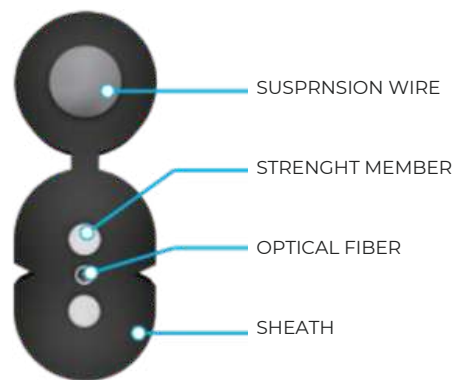
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

LAST MILE(FTTR), DROP CABLE

Products



Cable Description



Technical data

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

Features

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



Technical Specification

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

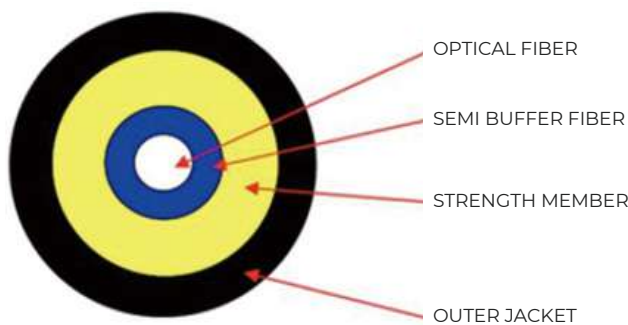
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

LAST MILE(FTTR), 3.0/5.0/7.0 ROUND CABLE

Products



Cable Description



Technical data

Fiber: Up to 1
Fiber Types: Single-mode
Sheath options: Single LSZH sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Low insertion loss, high return loss.
- Good in repeatability and exchangeability.
- 100% Insertion, Return Loss, End Face and Interference inspection.
- Excellent mechanical endurance.
- Complying with Telcordia GR-326-Core.
- Ensures high performance and reliability in the management of optical cabling.
- Fast and easy installation and reconfiguration.
- Simple handling, no need for special tool.
- IP68 Waterproof.



Technical Specification

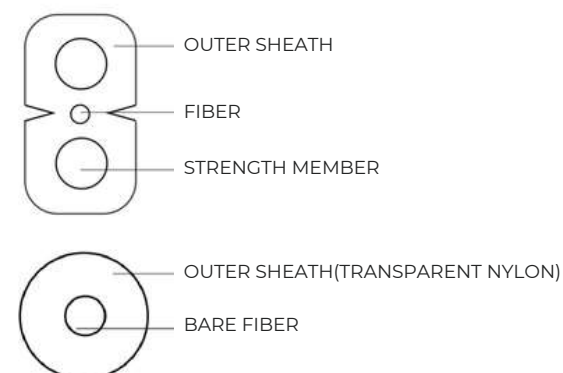
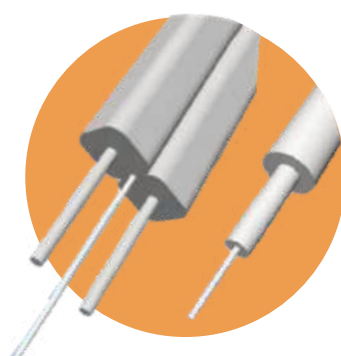
Cable type	Fiber counts	Cable diameter (mm)	Tensile Strenght(N)		Crush Resistance(N/100mm)		Minmum bend radius (mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
3.0 round cable	1	3.0	200	100	500	100	30	15
5.0 round cable	1	5.0	200	100	500	100	30	15
7.0 round cable	1	7.0	200	100	500	100	30	15

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

LAST MILE(FTTR), TRANSPARENT CABLE

Products

Cable Description



Features

- Installed cable almost undetectable to the casual observer
- Fast installation
- Apply to all kinds of indoor environment

Technical Specification

Round type

Sheath	Fiber counts	Nominal diameter (mm)	Nominal weight(kg/km)	Nominal pulling force(N)	Nominal crush resistance(N/10mm)
Transparent	1	0.9	0.9	4	10

Flat type

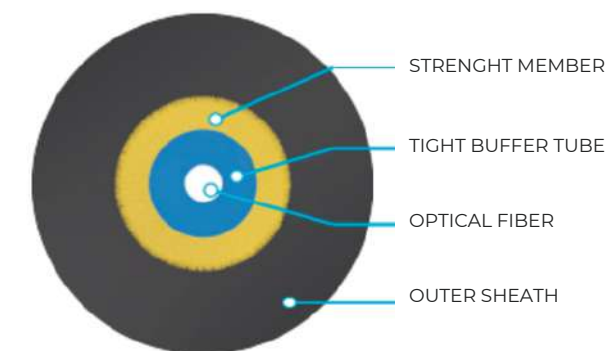
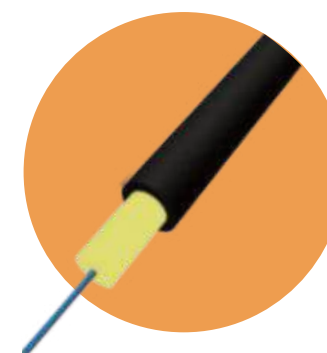
Sheath	Fiber counts	Nominal diameter (mm)	Nominal weight(kg/km)	Nominal pulling force(N)	Nominal crush resistance(N/10mm)
Transparent	1	0.9	0.9	4	10

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

INDUSTRIAL / SPECIAL USE, TPU 3.0 SINGLE JACKET ROUND TYPE FTTH DROP CABLE

Products

Cable Description



Technical data

Fiber: Up to 2
Fiber Types: Single-mode
Sheath options: Single LSZH sheath, TPU
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Suitable for FTTH lead in cable
- Could be self support aerial installed
- Could be installed in the duct



Max. operating temperature



Min. operating temperature



Installation Min 0°C



Flame retardant

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strength(N)		Crush Resistance(N/100mm)		Minimum bend radius (mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
TPU3.0	1	3.0	300	200	1000	300	20D	10D
TPU3.0	2	3.0	300	200	1000	300	20D	10D

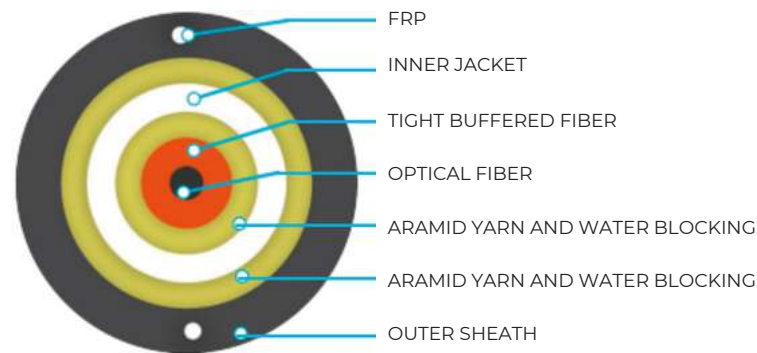
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

INDUSTRIAL / SPECIAL USE, TPU 5.0 DOUBLE JACKET ROUND TYPE FTTH DROP CABLECABLE

Products



Cable Description



Technical data

Fiber: Up to 2
Fiber Types: Single-mode or multimode
Cable Types: Drop cable for duct
Strength Member: Aramid yarn and FRP
Sheath options: Inner LSZH sheath, outer PE sheath
Operating Temperature: -20°C~+70°C
Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Suitable for FTTH lead in cable
- Could be self support aerial installed
- Could be installed in the duct



Max. operating temperature



Min. operating temperature



Installation Min 0°C



Flame retardant

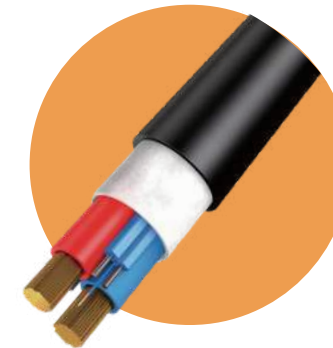
Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strenght(N)		Crush Resistance(N/100mm)		Minmum bend radius (mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
TPU5.0	1	5.0	200	100	2200	1000	20D	10D
TPU5.0	2	5.0	200	100	2200	1000	20D	10D

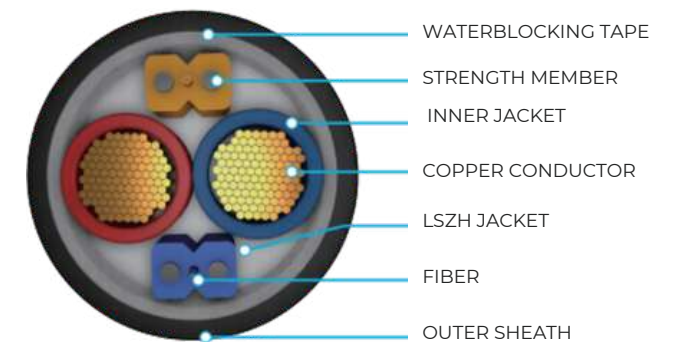
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

INDUSTRIAL / SPECIAL USE, HYBRID CABLE

Products



Cable Description



Technical data

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

Features

- Combines optical fiber and electrical power in one cable
- Self-supporting for aerial installation without additional messenger wire
- Suitable for both duct and direct aerial deployment



Max. operating temperature



Min. operating temperature



Installation Min 0°C



Flame retardant

Technical Specification

Cable type	Fiber counts	Cable diameter (mm)	Tensile Strenght(N)		Crush Resistance(N/100mm)		Minmum bend radius (mm)	
			Short term	Long term	Short term	Long term	Dynamic	Static
Hybrid cable	2	8.0	3000	1500	3000	1000	30D	20D
Hybrid cable	4	8.8	3000	1500	3000	1000	30D	20D
Hybrid cable	6	9.3	3000	1500	3000	1000	30D	20D
Hybrid cable	8	10.1	3000	1500	3000	1000	30D	20D
Hybrid cable	12	11.8	3000	1500	3000	1000	30D	20D
Hybrid cable	24	13.5	3000	1500	3000	1000	30D	20D

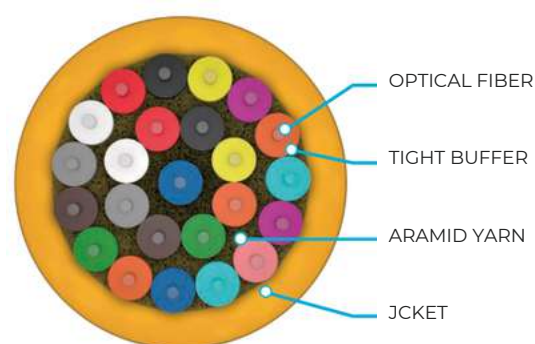
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

INDOOR CABLIN, GJFJV

Products



Cable Description



Technical data

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

Features

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



Technical Specification

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

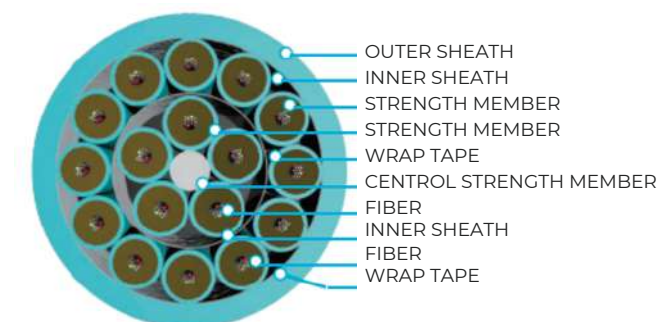
Notes: 1. D denotes the diameter of the cable; 2. The above parameters are typical value; 3. The cable spec can be designed according to customer's requirement.

INDOOR CABLING, GJFJH

Products



Cable Description



Technical data

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

Features

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



Technical Specification

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

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

02

FIBER OPTIC CABLE INSTALLATION

HARDWARE

FTTH DROP CABLE CLAMPS

Overview: FTTH drop cable clamps are designed for flat and round drop cables used in last-mile fiber installations. Suitable for various mounting scenarios—on facades, poles, walls, or aerial spans—they support tensioning, suspension, and anchoring functions.

Made from reinforced nylon, stainless steel, hot-dip galvanized or Dacromet-coated steel, these clamps offer high tensile strength, UV resistance, and corrosion protection. With easy, tool-free installation and broad compatibility, they ensure fast and secure deployment for all FTTH projects.

RECOMMENDATION SERIES

Tension

O D WAC



S-HOOK



S-TYPY



FISH



Brackets

YK



Suspension

D-TYPE



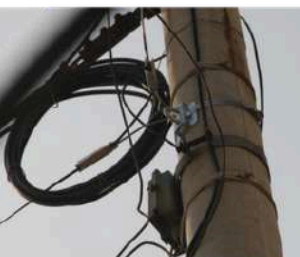
Advantages



1 Wide product range for different cable size.



2 Meet all kinds of aerial cable installation solution.



3 Do not damage the cable's jacket.



4 Designed material that do not fall apart.

ODWAC SERIES TENSION

Technical sheet

Model Name	ODWAC-15	ODWAC-22	ODWAC-22B	ODWAC-22R
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Cable size	2x5	2x3 or 2x5	5x15	Φ3-6
MBL(kN)	0.8	1.5	3	1.8
Model Name	ODWAC-22S	ODWAC-23	ODWAC-24	ODWAC-H15
Material	Stainless steel	Stainless steel	Dacro steel	Stainless steel UV resistant plastic
Cable size	2x3 or 2x5	2x3 or 2x5	2x5	2x5 Φ2-6
MBL(kN)	1.5	1.8	1.1	0.5
Model Name	ODWAC-22P	ODWAC-22E	ODWAC-22H	ODWAC-HY
Material	Stainless steel UV resistant	Stainless steel UV resistant	Stainless steel UV resistant	Stainless steel UV resistant
Cable size	2x3 or 2x5	2x3 or 2x5	2x3 or 2x5	2x3 or 2x5
MBL(kN)	1.5	1.3	1.2	0.8

Performance Highlights

- The area of the three holes are wider and the attaching part is bigger.
- Thicker shell and wider ribs.
- Not only suitable for fig-8 FTTH cable, but good for round cable.
- A whole series with customized colors meet different hook requirements.

S-HOOK SERIES TENSION CLAMPS

Technical sheet

Model Name	S-HOOK-1	S-HOOK-2	S-HOOK-3	S-HOOK-4	S-HOOK-5	S-HOOK-6
Cable size(mm)	3-5	3-5	3-5	3-5	3-5	2x8
Material	Stainless steel 201/304 UV resistant plastic					
MBL(kN)	0.8					

Performance Highlights

- Wedge self-tightening technique ensures cable fixation.
- Easier and faster operation does not damage the cable.
- Various choices and suitable for diverse pole/wall mounts.

S-TYPE SERIES TENSION

Technical sheet

Model Name	S-TYPE-1	S-TYPE-2	S-TYPE-3
Material	Stainless steel UV resistant plastic		
Cable size	2x5 (only use for fig-8 cable with metal self-supporting)		
MBL(kn)	1.2	1.2	0.8

Performance Highlights

- Various choices including bigger sizes and colors or with hooks
- Self-supporting part is secured separately without damaging fiber.

FISH SERIES TENSION CLAMPS

Technical sheet

Model Name	FISH-1	FISH-2	FISH-3
Material	Stainless steel UV resistant plastic	UV resistant plastic	UV resistant plastic
Cable size	2x8 fig-8 cable	2x8 fig-8 cable Φ2-6mm round cable	
MBL(kn)	0.6	1	1

Performance Highlights

- Cable is secured by wheel with self-tightening technique.
- Various choices for flexible cables.

YK SERIES BRACKETS AND HOOKS

Technicalsheet

					
Model Name	YK-01	YK-02	YK-03	YK-04	YK-05
S-HOOK-1	Galvanized steel or Dacro	Galvanized steel	Galvanized steel Aluminum	Galvanized steel Aluminum	Galvanized steel
UV resistant plastic	1.8	1.2	2.5	1.5	2

					
Model Name	YK-06	YK-07	YK-08	YK-09	YK-N
S-HOOK-1	Galvanized steel	Galvanized steel	Stainless steel	Galvanized steel	Galvanized steel
UV resistant plastic	1.5	2	—	—	10

Performance Highlights



- 1 Reinforced steel and structure is designed for both pole and wall installation.



- 2 Tension and suspension types are available.



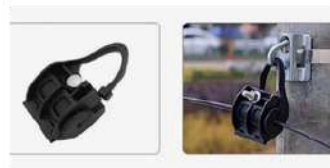
- 3 Universal pole brackets for multi attachment.

D-TYPE SERIES SUSPENSION CLAMP

Technicalsheet

			
Model Name	D6	D8	D10
S-HOOK-1	Φ2-3mm	Φ5-8mm Φ8-12mm Φ10-15mm	Φ4-7mm
UV resistant plastic	0.6	2.8	1.2

Performance Highlights



- 1 Complete range covering all cable diameters from 2mm to 16mm.



- 2 D-TYPE series composed of thermoplastic body with very high mechanical and climatic resistance, an inner sheath consisting one or two insulating plastic wedges ensuring the clamping of the neutral messenger without damaging cable insulation.

AERIAL SELF-SUPPORTING CABLE CLAMPS

Overview: Aerial self-supporting cable clamps are mostly engineered for securing ADSS and figure-8 cables in aerial fiber deployments. It is designed for long-span, mid-span, and pole-to-pole transmissions.

Available in multiple types such as preformed dead-ends, anchor clamps, suspension clamps, and brackets, these clamps are manufactured from durable materials including aluminum/zinc alloy, galvanized steel, reinforced nylon, TPR, and fiberglass-reinforced composites.

Offering excellent mechanical strength, weather resistance, and adaptability, they ensure stable and efficient cable deployment in medium to long-distance aerial applications.

RECOMMENDATION SERIES:

Anchor clamp		Suspension	Brackets
PA 	ATP 	HC 	Pole Brackets and Hook 
		RLS 	Pole Brackets and Hook 
		SSA 	CS 

Advantages



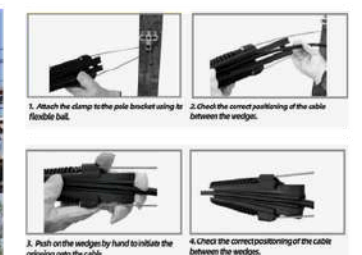
- 1 Wide Product Range for all kinds of aerial installation needs



- 2 Proper grips do not fall out.



- 3 Tool free installation.



- 4 Reduce installation time.

PA SERIES TENSION CLAMPS

Technicalsheets

				
Model Name	PA-H3	PA-04	PA-05	PA-06
Material	Galvanized steel UV resistant plastic	Stainless steel UV resistant plastic	Stainless steel UV resistant plastic Aluminum teeth	Galvanized steel Aluminum
Cable size	Φ3-5mm fig-8 cable	Φ5-25mm round cable	Φ3-5mm fig-8 cable	Φ3-5mm Φ3-7mm
MBL(kn)	1.2	2	2	3/4.5
				
Model Name	PA-07	PA-49	PA-69	PA-500
Material	Stainless steel Aluminum body&teeth UV resistant plastic	Stainless steel UV resistant plastic	Stainless steel UV resistant plastic	Stainless steel UV resistant plastic
Cable size	Φ3-7mm	Φ4-9mm	Φ6-10mm	Φ3-7mm
MBL(kn)	8/10	3.5	3	3
				
Model Name	PA-1000	PA-1500	PA-3000	PA-3001
Material	Stainless steel UV resistant plastic teeth Aluminum body	Stainless steel UV resistant plastic teeth Aluminum body	Stainless steel UV resistant plastic	Stainless steel UV resistant plastic
Cable size	Φ8-12mm Φ10-14mm	Φ11-13mm	Φ12-16mm	Φ10-14mm Φ14-18mm
MBL(kn)	8	10	8	8

Performance Highlights



1 Stainless wire bail, aluminum body or teeth, UV resistant nylon plastic.



2 Special patterns for proper grips.



3 Wide range of cable size for flexible requirements.

ATP SERIES TENSION CLAMPS

Technicalsheets

					
Model Name	Breaking	CABLE Size(mm)	Root(pcs) x Length(mm)	Span	Color Code
ATP 090100	Load(kN) 10	8.1-9.0	5x800	0-150m	Red
ATP 100100	10	9.1-10.0	6x800	0-150m	Red
ATP 110100	10	10.1-11.0	6x900	0-150m	Yellow
ATP 120100	10	11.1-12.0	6x980	0-150m	Yellow
ATP 130100	10	12.1-13.0	7x980	0-150m	Black
ATP 140100	10	13.1-14.0	7x1000	0-150m	Purple
ATP 150100	10	14.1-15.0	8x1000	0-150m	Red
ATP 120200	18	11.1-12.0	(Inner)15x1200 (Outer)7x900	150-200m	Green
ATP 130200	18	12.1-13.0	(Inner)15x1200 (Outer)7x900	150-200m	Green
ATP 140200	18	13.1-14.0	(Inner)15x1200 (Outer)7x900	150-200m	Red
ATP 150200	18	14.1-15.0	(Inner)18x1200 (Outer)8x900	150-200m	Black
Configurable Option		Model Name	Breaking load(kN)	Material	
		O-2/ O-5/ O-7 O-10/ O-12	20kN/ 50kN 70kN/ 100kN 120kN	Hot-dip galvanized precision steel castings	
		U-4/ U-7 U-10/ U-12	40kN/ 70kN 100kN/ 120kN	Hot-dip galvanized precision steel castings	
		ER-4/ ER-7 ER-10/ ER-12	40kN/ 70kN 100kN/ 120kN	Hot-dip galvanized steel	
		SU-7 SO-7	70kN	High-quality rubber Rorrosion-resistant aluminum alloy Hot-dip galvanized standard parts	
		DS-7 DS-10	70kN 100kN		

HC SERIES SUSPENSION CLAMPS

Technicalsheet

	Model Name	HC-5-8	HC-8-12	HC-10-15
	Cable size(mm)	5-8	8-12	10-15
	MBL(kN)	10	10	10
	Material	Galvanized steel+TPR		
	Model Name	HCx2C-5-8	HCx2C-8-12	HCx2C-10-15
	Cable size(mm)	5-8	8-12	10-15
	MBL(kN)	4	4	4
	Material	Galvanized steel+TPR		
	Model Name	HC-1500D	HC-1500J	HC-1500V
	Cable size(mm)	4-11	4-11	4-11
	MBL(kN)	9	12	4

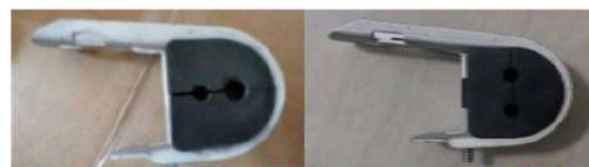
Performance Highlights



1 Reduce installation time.



2 Wide cable applicable size.



3 Up to 2xcables both in row and column, meet 2 different cable attachment.

SSA SERIES SUSPENSION CLAMP FOR FIG-8 CABLE

Technical sheet

	Model Name	SSA-1	SSA-2	SSA-3
	Cable size(mm)	4-5/5-9	3-9	4-5/5-9
	MBL(kN)	8	8	8

RLS SERIES SUSPENSION CLAMP

Technical sheet

	Model Name	RLS	RLS-T	RLS-U
	Cable size(mm)	7-20	8-12	10-15
	MBL(kN)	Aluminum and carbon steel		
	Material	4		

Performance Highlights



1 It is suitable for the ADSS cable, conductor and grounding wire on transmission line. It improves anti vibration capacity and restrain dynamical stress caused from wind vibration.



2 More than three types of suspension clamps meet different angle installation on pole or tower.

POLE BRACKETS AND HOOKS

Technicalsheet

	Model Name	UPB	UPC	PS1000	ES1500	CA800
	Cable size(mm)	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	MBL(kN)	8	8	10	8	5
	Model Name	CA25	CA1000	CA1500	CA1600	CA2000
	Cable size(mm)	Aluminum	Aluminum	Galvanized steel	Galvanized steel	Carbon steel
	MBL(kN)	5	20	15	15	Ajustable

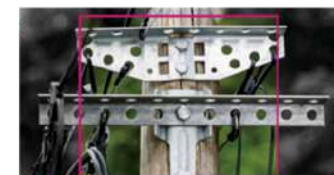
Performance Highlights



1 Wide choices for different fixing points and compatible with other items in range.



2 Suitable for angle, joints and distribution poles.



3 Universal pole brackets for multi attachment.



4 Various specifications of turnbuckles. Meet most needs of the market.

CS SERIES SUSPENSION CLAMP

Technicalsheet

	Model Name	CS-P	CS-S
	Cable size(mm)	440x640mm	300-600/500-900
	MBL(kN)	UV resistant plastic	Stainless steel

Performance Highlights



1 Cable can be tied wrap slot the channel for securing, or storage alone inside round channel or oval round channel.



2 Compatible in multi cable storage senerios with ajustable compartment size for cable.

POLE-MOUNTING KIT/ASSEMBLY

Overview: Designed for securing fiber optic boxes, splice closures, and network cabinets to utility poles, our pole-mounting kits feature stainless steel 201 or 304 components for high strength, corrosion resistance, and long service life. Easy to install with banding tools, they provide a fast, secure, and adaptable solution for various outdoor telecom and power applications.

POLE BRACKETS AND HOOKS

Technical sheet

			
Model Name	SS 201	SS 304	SS 316
Material grades	AISI 201	AISI 304	AISI 316
Width	1/2"-12.7mm 3/4"-19mm	1/2"-12.7mm 3/4"-19mm	3/4"-19mm
Thickness	0.015"-0.4mm / 0.02"-0.5mm 0.025"-0.64mm / 0.028"-0.7mm	0.015"-0.4mm / 0.02"-0.5mm 0.025"-0.64mm / 0.028"-0.7mm	0.03"-0.75mm
Length for roll(m)	30 or 50 or customized		

KL SERIES BUCKLES

Technical sheet

				
Model Name	KL-13-T	KL-20-T	KL-13-L	KL-20-L
Material grades	AISI 201, AISI 304			
Max band width	1/2"-12.7mm	3/4"-20mm	1/2"-12.7mm	3/4"-20mm

Advantages



1 Strictly polished stainless steel, high strength and toughness.



2 Adequate stock and fast delivery.



3 Customized size and material for all-pole mounting environments.



4 Easier installation with tools and detailed guidance.

Performance Highlights



1 Handy dispenser has wide choices of color.



2 Easy operation with buckles and tools.



3 Stainless steel material in a shiny finish with high polished surface and round edge for safe installation, offers good resistance to oxidatio.

MBT SERIES BANDING TOOL

Technical sheet

			
Model Name	MBT-003	MBT-004	MBT-005
Max band width	<20	<25	6.4-20
Band thickness	0.8	<1.5	< 0.75

SB SERIES SELF-TIGHTENING TIE

Technical sheet

			
Model Name	SB-D	SB-F	SB-T
Material grades	Stainless steel 201 or 304		
Length of roll(m)	0.8	/	1 or customized
Width(mm)	10	/	10 or customized

DL SERIES DOWN LEAD CLAMPS

Technical sheet

		
Model Name	DL-A for ADSS	DL-O for OPGW
Cable diameter(mm)	7-18	9-18
Pole diameter(mm)	150-1000	150-1000

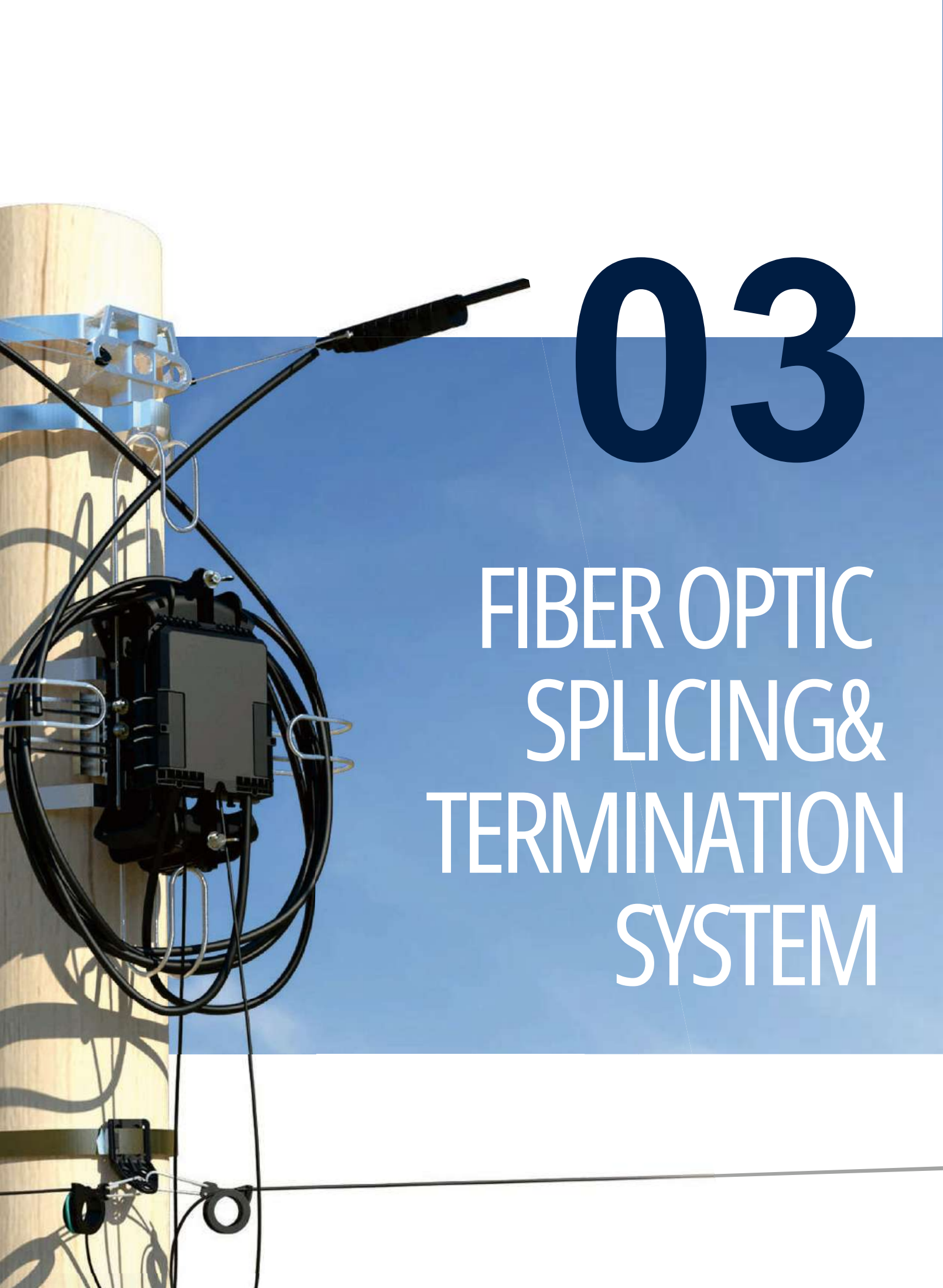
Performance Highlights



1 High mechanical strength performance with hot dip galvanized surface treatment against rust and corrosion.



2 Wide scope for different diameter pole mount. Easy mount around pole.



03

FIBER OPTIC SPLICING & TERMINATION SYSTEM

WHY RECOMMEND PRE-CONNECTORIZED INSTALLATION IN FTTH ODN ?

MAIN BENEFITS OF TULIMA'S PRE-CONNECTORIZED SOLUTION INCLUDE



1. Quick and Easy Installation: Pre-connectorized cables and fiber access terminals (FATs) remove the need for on-site splicing. Technicians just plug the cables into the distribution box, greatly cutting down installation time and speeding up network rollouts, which is especially useful for large FTTH or rural broadband projects.



2. Reduced Labor and Costs: By reducing on-site work, this solution lowers the need for specialized technicians, saving on labor costs. The simpler installation process also shortens deployment time, helping reduce project costs.



3. Improved Reliability: Components made in the factory have consistent quality and reduce errors during installation. Our pre-connectorized boxes come with waterproof SC connectors and secure screw-sealed cases, protecting against dust, water, and extreme temperatures (rated IP68). This ensures reliable performance even in tough outdoor conditions.



4. Scalability and Flexibility: The solution can be adapted for different network sizes and setups. For example, the TLM-PRE01-12F box can handle up to 12 fiber cores for smaller projects, while the TLM-PRE01-18F supports up to 18 cores for larger or more complex networks. The products can be installed on walls or poles, giving more options for different needs.

BUSINESS VALUE FOR OPERATORS

- ✓ Shorter project deployment time → faster revenue generation.
- ✓ Lower CAPEX (equipment) + OPEX (maintenance).
- ✓ Higher customer satisfaction due to stable service quality.
- ✓ Ideal for mass FTTH rollouts, especially in urban or moisture-prone environments.

FIBER OPTIC PRE-CONNECTORIZED BOX

Technical Specification



Model	TLM-PRE01-10F	TLM-PRE02-16F	TLM-PRE03-4F	TLM-PRE03-8F
Size	210x210x90mm	285x215x115mm	210x112x92mm	282x112x92mm
Material	PP+GF	ABS / PC+ABS	PC / PC+ABS	PC / PC+ABS
Capacity	10 Cores	16 Cores	4 Cores	8 Cores
Color	Black	Black	Black	Black
Protective grade	IP68	IP65	IP55	IP55
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x2 FBT & 1x8(Mini type)	1x16 (Mini type)	1x4 (Mini type)	1x8 (Mini type)



Model	TLM-PRE04-10F	TLM-PRE04-13F	TLM-PRE05-8F	TLM-PRE05-16F
Size	269x237x94mm	269x237x94mm	319x200x97.5m	319x214x133mm
Material	PP+GF	PP+GF	m PC+ABS	PC+ABS
Capacity	10 Cores	13 Cores	6 Cores	8 Cores
Color	Black	Black	Black	Black
Protective grade	IP67	IP67	IP65	IP65
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x8 (Mini type)	1x8 (Mini type)	1x8 (Mini type)	1x16 (Mini type)

FIBER OPTIC PRE-CONNECTORIZED BOX

Technical Specification



Model	TLM-PRE06-8F	TLM-PRE07-16F	TLM-PRE08-16F	TLM-PRE09-16F
Size	320x240x128mm	359x277x120mm	355x240x130mm	385x235x135mm
Material	PP	PP	PP+GF	PP+GF
Capacity	8 Cores	16 Cores	16 Cores	16 Cores
Color	Black	Black	Black	Black
Protective grade	IP67	IP67	IP68	IP68
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x8 (Mini Type)	1x16 (Mini Type)	1x16 (Mini type)	1x16 (Mini type)



Model	TLM-PRE10-8F	TLM-PRE10-9F	TLM-PRE10-16F	TLM-PRE10-24F
Size	290x210x82m	290x210x82m	290x210x133mm	287x172x102mm
Material	m PC+ABS	m PC+ABS	PC+ABS	PC+ABS
Capacity	8 Cores	9 Cores	16 Cores	24 Cores
Color	Black	Black	Black	Black
Protective grade	IP67	IP67	IP67	IP67
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x8 (Mini type)	1x8 (Mini type)	1x16 (Mini type)	1x16 (Mini type)

FIBER OPTIC DISTRIBUTION BOX

TechnicalSpecification



Model	TLM-N1-16A	TLM-N2-16A	TLM-N4-24A	TLM-N1-16B
Size	290×210×82mm	290×210×82mm	290×210×82mm	290×210×82mm
Material	PC+ABS	PC+ABS	PC+ABS	PC+ABS
Capacity	16 Cores	16 Cores	24 Cores	16 Cores
Protective grade	IP67	IP67	IP67	IP67
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x16 (Mini Type)	1x16 (Mini Type)	1x16 (Mini Type)	1x16 (Mini Type)



Model	TLM-N2-16B	TLM-N4-24B	TLM-N1-16C	TLM-N2-16C	TLM-N4-24C
Size	290×210×82mm	290×210×82mm	290×210×82mm	290×210×82mm	290×210×82mm
Material	PC+ABS	PC+ABS	PC+ABS	PC+ABS	PC+ABS
Capacity	16 Cores	24 Cores	16 Cores	16 Cores	24 Cores
Protective grade	IP67	IP67	IP67	IP67	IP67
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x16 (Mini Type)	1x16 (Mini Type)	1x16 (Card Type)	1x16 (Card Type)	1x16 (Card Type)

FIBER OPTIC DISTRIBUTION BOX

TechnicalSpecification



Model	TFX-01	TFX-02	TFX-03A	TFX-03B
Size	150x120x37mm	240x140x40mm	240x140x40mm	240x140x40mm
Material	ABS	ABS / PC+ABS	ABS / PC+ABS	ABS / PC+ABS
Capacity	2 Cores	2 Cores	4 Cores	6 Cores
Protective grade	IP65	IP65	IP65	IP65
Mounting Way	Aerial / Wall mounting	Aerial / Wall mounting	Aerial / Wall mounting	Aerial / Wall mounting
Splitter	1x2 (Mini Type)	1x2 (Mini Type)	1x4 (Mini Type)	1x2 FBT & 1x4 (Mini Type)



Model	TFX-04A	TFX-04B	TFX-08A	TFX-08B
Size	230×180×55mm	230×180×55mm	300×225×97mm	300×225×97mm
Material	ABS / PC+ABS	ABS / PC+ABS	ABS / PC+ABS	ABS / PC+ABS
Capacity	8 Cores	8 Cores	16 Cores	16 Cores
Color	White / Black	White / Black	White / Black	White / Black
Protective grade	IP65	IP65	IP65	IP65
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x8 (Mini Type)	1x8 (Card Type)	1x16 (Mini Type)	1x16 (Card Type)

FIBER OPTIC DISTRIBUTION BOX

TechnicalSpecification



Model	TFX-09A	TFX-09B	TFX-10A	TFX-10B
Size	295×220×85mm	295×220×85mm	320×240×100mm	320×240×100mm
Material	ABS / PC+ABS	ABS / PC+ABS	ABS / PC+ABS	ABS / PC+ABS
Capacity	16 Cores	16 Cores	24 Core	24 Core
Color	White / Black	White / Black	Light Grey / Black	Light Grey / Black
Protective grade	IP65	IP65	IP65	IP65
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x16 (Mini Type)	1x16 (Card Type)	1x16 (Mini Type)	1x16 (Card Type)



Model	TFX-11A	TFX-11B	TFX-12A	TFX-12B
Size	270×350×120mm	270×350×120mm	330x260x130mm	330x260x130mm
Material	ABS / PC+ABS	ABS / PC+ABS	PP / ABS	PP / ABS
Capacity	24 Cores	32 Cores	24 Cores	24 Cores
Color	White / Black	White / Black	Grey	Grey
Protective grade	IP65	IP65	IP65	IP65
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x16 (Mini Type)	2PCS 1x16 (Card Type)	1x16 (Mini Type)	1x16 (Card Type)

FIBER OPTIC DISTRIBUTION BOX

TechnicalSpecification



Model	TFX-13A	TFX-13B	TFX-13C	TFX-16
Size	295×185×110mm	295×185×110mm	295×185×110mm	245×296×94.5mm
Material	ABS / PC+ABS	ABS / PC+ABS	ABS / PC+ABS	ABS / PC+ABS
Capacity	16 Cores	16 Cores	16 Cores	24 Cores
Color	White / Black	White / Black	White / Black	Black / White
Protective grade	IP65	IP65	IP65	IP65
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x16 (Mini Type)	1x16 (Mini Type)	1x16 (Card Type)	1*16 (Mini Type)



Model	TFX-14A	TFX-14B	TFX-15A	TFX-15B
Size	190×130×48m	220×140×55mm	320×150×105mm	450×180×150mm
Material	m PC+ABS	PC+ABS	ABS / PC+ABS	ABS / PC+ABS
Capacity	8 Cores	16 Cores	32 Cores	48 Cores
Color	White	White	Light Grey	Light Grey
Protective grade	IP55	IP55	IP65	IP65
Mounting Way	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole	Wall mounting / Holding pole
Splitter	1x8 (Mini Type)	1*16(Card Type)	1*32 (Mini Type)	1*32 (Mini Type)

FIBER OPTIC SPLICE CLOSURE

TechnicalSpecification



Model	TLM-900	TLM-901A	TLM-901B	TLM-904
Size	330(h)×140(d)mm	300(h)×190(d)mm	300(h)×190(d)mm	420(h)×205(d)mm
Material	PP	PP	PP	PP
Capacity	12-48 Cores	12-48 Cores	12-48 Cores	24-72 Cores
Trays	1~2 PCS, 24C/Tray	1~4 PCS, 12C/Tray	1~4 PCS, 12C/Tray	1~3 PCS, 24C/Tray
Optical Cable Ports	1+3 Ports	4 Ports	1+3 Ports	1+4 Ports
Protective grade	IP65	IP65	IP65	IP65
Sealing way	Heat shrinkable sealing	Mechanical sealing	Heat shrinkable sealing	Heat shrinkable sealing
Mounting Way	Aerial / Holding pole / Manhole	Aerial / Holding pole / Duct	Aerial / Holding pole / Manhole	Aerial / Holding pole / Manhole
Splitter	/	/	/	1x16 (Mini Type)



Model	TLM-902A	TLM-902B	TLM-903A	TLM-903B
Size	420(h)×205(d)mm	420(h)×205(d)mm	470(h)×220(d)mm	470(h)×220(d)mm
Material	PP	PP	PP	PP
Capacity	24-96 Cores	24-96 Cores	48-288 Cores	48-288 Cores
Trays	1~4 PCS, 24C/Tray	1~4 PCS, 24C/Tray	1~6 PCS, 48C/Tray	1~6 PCS, 48C/Tray
Optical Cable Ports	4 Ports	1+3 Ports	2+4 Ports	1+4 Ports
Protective grade	IP65	IP65	IP65	IP65
Sealing way	Mechanical sealing	Heat shrinkable sealing	Mechanical sealing	Heat shrinkable sealing
Mounting Way	Aerial / Holding pole / Manhole	Aerial / Holding pole / Manhole	Aerial / Holding pole / Manhole	Aerial / Holding pole / Manhole

FIBER OPTIC SPLICE CLOSURE

TechnicalSpecification



Model	TGJS-101	TGJS-102	TGJS-103	TGJS-104
Size	475×170×110mm	450×210×105mm	340×150×74mm	427×180×100mm
Material	PP	PC	ABS / PC+ABS	PC
Capacity	12-96 Cores	24-96 Cores	24-96 Cores	24-96 Cores
Trays	1~8 PCS, 12C/Tray 1~4 PCS, 24C/Tray	1~4 PCS, 24C/Tray	1~4 PCS, 24C/Tray	1~4 PCS, 24C/Tray
Optical Cable Ports	2-Inlet 2-Outlet	3-Inlet 3-Outlet	2-Inlet 2-Outlet	4-Inlet 4-Outlet
Protective grade	IP68	IP68	IP68	IP68
Mounting Way	Aerial / Manhole / Direct buried	Aerial / Manhole / Direct buried	Aerial / Manhole / Direct buried	Aerial / Manhole / Direct buried



Model	TGJS-201	TGJS-202	TGJS-203	TGJS-204
Size	300×220×80mm	208×210×45mm	300×200×80mm	280×195×95mm
Material	PP+GF	PP	ABS / PC+ABS	ABS
Capacity	12-36 Cores	24-96 Cores	24-96 Cores	12-96 Cores
Trays	1~3 PCS, 12C/Tray	1~4 PCS, 24C/Tray	1~4 PCS, 24C/Tray	1~4 PCS, 12C/Tray 1~4 PCS, 24C/Tray
Optical Cable Ports	2-Inlet 2-Outlet	2-Inlet 2-Outlet	3-Inlet 3-Outlet	1-Inlet 1-Outlet
Protective grade	IP65	IP65	IP65	IP65
Mounting Way	Aerial / Wall mounting	Aerial / Wall mounting	Aerial / Wall mounting	Aerial / Wall mounting

FIBER OPTIC DISTRIBUTION CLOSURE

TechnicalSpecification



Model	TGJS-303	TGJS-304	TGJS-305
Size	355×240×130mm	320×190×100mm	290×185×120mm
Material	PP+GF	PP	PP+GF
Capacity	24 Cores	16 Cores	16 Cores
Optical Cable Ports	4-Inlet 24-Outlet	4-Inlet 16-Outlet	4-Inlet 16-Outlet
Protective grade	IP65	IP67	IP67
Mounting Way	Aerial / Holding Pole	Aerial / Holding Pole	Aerial / Holding Pole
Splitter	1x16 (Mini Type)	1x16 (Mini Type)	1x16 (Mini Type / Card type)



Model	TGJS-302A	TGJS-302B	TGJS-302C
Size	335x240x125mm	335x240x125mm	335x240x125mm
Material	PP+GF	PP+GF	PP+GF
Capacity	16 Cores	16 Cores	16 Cores
Optical Cable Ports	4-Inlet 24-Outlet	4-Inlet 24-Outlet	4-Inlet 24-Outlet
Protective grade	IP68	IP68	IP68
Mounting Way	Aerial / Holding pole	Aerial / Holding pole	Aerial / Holding pole
Splitter	1x16 (Mini Type)	1x16 (Mini Type)	1x16 (Card type)

FIBER OPTIC TERMINATION BOX

TechnicalSpecification



Model	TFT-A01-A	TFT-A01-B	TFT-A01-C	TFT-A01-D
Size	86×86×25mm	86×86×25mm	86×86×25mm	86×86×25mm
Material	ABS	ABS	ABS	ABS
Capacity	1-2 Cores	1-2 Cores	1-2 Cores	1-2 Cores
Color	White	White	White	White
Connector	SC/ LC	SC/ LC	SC/ LC	SC/ LC



Model	TFT-A02	TFT-A03	TFT-A04	TFT-A05
Size	116×70×16mm	130×88×27mm	124x80x25mm	105×82×23mm
Material	ABS	ABS	ABS	ABS
Capacity	2 Cores	2 Cores	2 Cores	1/2 Cores
Color	White	White	White and Grey	White
Connector	SC/ LC	SC/ LC	SC/ LC	SC/ LC



Model	TFT-A06	TFT-A07	TFT-A08	TFT-A09
Size	116×85×22mm	100×80×30mm	100×85×30mm	150x110x30mm
Material	ABS	ABS	ABS	ABS
Capacity	1/2 Cores	4 Cores	4 Cores	4 Cores
Color	White	White	White	White / Grey
Connector	SC/ LC	SC/ LC	SC/ LC	SC/ LC

FIBER OPTIC TERMINATION BOX

TechnicalSpecification

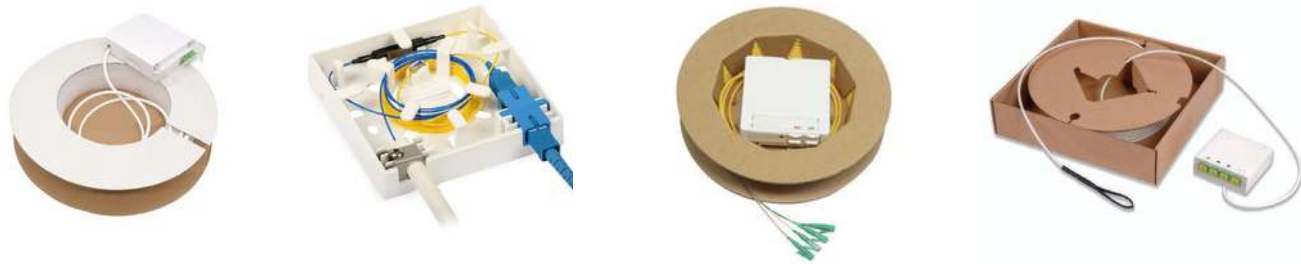


Model	TFT-B01	TFT-B02	TFT-B03	TFT-B04
Size	110×12×12mm	110×18×11mm	85×18×11mm	85×18×11mm
Material	ABS	ABS	ABS	ABS
Capacity	1x1	1x2	1x1	1x2
Color	White	White	White	White



Model	TFT-B05	TFT-B06	TFT-B07	TFT-B08
Size	95×48×10mm	95×70×10mm	160×45×17mm	80×60×20mm
Material	ABS	ABS	ABS	ABS
Capacity	2x2	3x3	1	2
Color	White	White	White/ Black	White/ Black

PRE-TERMINATED OUTLET KIT



ODF (OPTIC DISTRIBUTION FRAME)

TechnicalSpecification



Model	TODF-01		
Size & Capacity	430×300×46mm 12 Ports	430×300×176mm 72 Ports	
	430×300×75mm 24 Ports	430×300×260mm 96 Ports	
	430×300×138mm 48 Ports	430×300×360mm 144 Ports	



Material	Cold-rolled Steel
Description	SC / FC / ST / LC
Color	Light Gray



Model	TODF-02A	TODF-02B	TODF-02C
Size	2000×800×400mm	2000×800×400mm	2000×1300×300mm
Capacity	576 cores	720 cores	1440 cores



ODF (OPTIC DISTRIBUTION FRAME)

TechnicalSpecification



Model	TPJ-01	TPJ-02A	TPJ-02B
Mounting Way	485×210×44mm	24 Ports 485×350×1U mm 48 Ports 485×350×2U mm 72 Ports 485×350×2U mm 96 Ports 485×350×3U mm 144 Ports 485×350×4U mm	24 Ports 485×350×1U mm 48 Ports 485×350×2U mm 72 Ports 485×350×2U mm 96 Ports 485×350×3U mm 144 Ports 485×350×4U mm
Material	SPCC	SPCC	SPCC
Capacity	12-48 Ports	12-144 Ports	12-144 Ports
Description	SC / FC / ST / LC	SC / FC / ST / LC	SC / FC / ST / LC
Color	Black/Light Gray	Black/Light Gray	Black/Light Gray



Model	TPJ-03	TPJ-04
Size	600×450mm / 600×600mm	600×600mm / 600×800mm 600×1000mm / 800×800mm 800×1000mm
Capacity	4U/6U/9U/12U/15U/18U	12U/15U/18U/22U/27U/32U/37U/42U/47U



Model	TPJ-05A	TPJ-05B	TPJ-05C	TPJ-05D
Size	840×450×280mm	1050×550×310mm	1450×750×320mm	1450×750×520mm
Material	SMC/Cold-rolled steel/ Stainless steel	SMC/Cold-rolled steel/ Stainless steel	SMC/Cold-rolled steel/ Stainless steel	SMC/Cold-rolled steel/ Stainless steel
Capacity	96 cores	144 cores	288 cores	576 cores

FIBER OPTIC ACCESSORIES

TechnicalSpecification

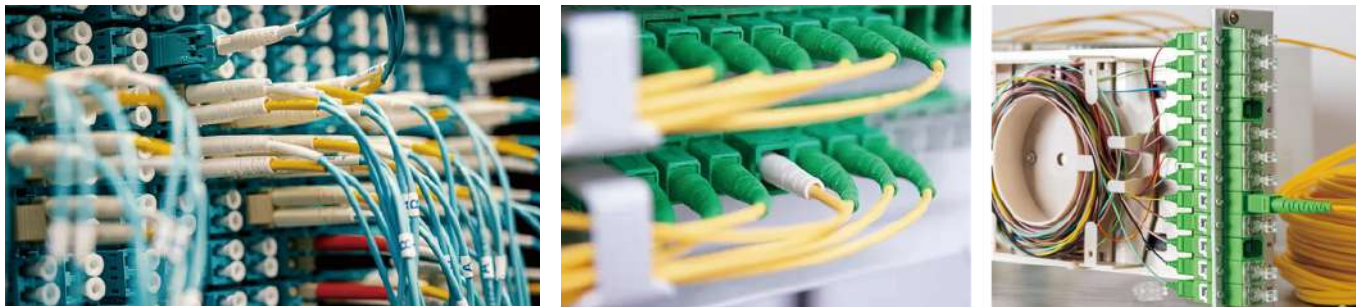


Material	Patch Cord	Pigtail	Invisible Patch Cord	Invisible Pigtail	Adapter
Capacity	PC-SC/ LC/ FC/ST	PT-SC/LC/FC/ST	INPC-SC/ LC/ FC/ST	INPT-SC/LC/FC/ST	OA-SC/LC/FC/ST
Specification	Type: SC/LC/ST/FC/UPC/APC Mode: Single/Multi Mode Cable Diameter: 0.9/2.0/3.0mm Insertion Loss: ≤0.3dB		Return Loss: UPC≥50dB APC≥60dB Durability: >1000Times Operation Temperature: -25~+70°C Storage Temperature: -40~+85°C		



Model	IN-PLC-1x2	IN-PLC-1x4	IN-PLC-1x8	IN-PLC-1x16
Model	MINI-PLC-1x2	MINI-PLC-1x4	MINI-PLC-1x8	MINI-PLC-1x16
Insertion Loss	≤4.1dB	≤7.4dB	≤10.5dB	≤13.8dB

Specification	Name: PLC Splitter Connector Type: SC/LC/FC/LC/UPC/APC Fiber Type: G657A Wavelength: 1260-1650nm		Return Loss: 55/50dB Directivity (dB): 55dB Operation Temperature: -40 ~ +85°C Storage Temperature: -40 ~ +85°C	
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Material Recommendation of Plastic Fiber Boxes			
Application Environment	Key Features	Normal Material Solution	Economical Material Solution
Outdoor general environment	Strong ultraviolet rays, large temperature differences, and heavy rain	Material: PC/ABS alloy Lifespan: 15-20 years	1. Material: Modified PP (PP+Glass Fiber) Lifespan: 10-15 years Cost: 30% lower than PC/ABS 2. Material: Modified ABS (POE/MBS) Lifespan: 6-8 years Cost: 20% lower than PC/ABS
Coastal salt spray environment	High humidity, salt spray corrosion, strong wind pressure	Material: PC/ABS alloy Lifespan: 15-20 years	Material: Modified PP (PP + glass fiber, surface sprayed with a salt spray-resistant coating, such as epoxy resin) Lifespan: 10-15 years Cost: 30% lower than PC/ABS
Chemically corrosive environment	Acid/alkali/solvent contact, chemical pollution	Modified PP (PP + glass fiber) Lifespan: 10-15 years	Material: High-glass-fiber-content modified PP (glass fiber ≥ 30%) Lifespan: 8-12 years Cost: 15% lower than modified PP
High temperature industrial environment	Long term >80°C, heat radiation, oil pollution	Modified PP (PP + glass fiber) Lifespan: 10-15 years	Material: Pure PP (unreinforced, limited to short-term high-temperature environments, such as ventilation rooms) Lifespan: 5-7 years Cost: 40% lower than conventional modified PP
Low temperature & cold environment	Below -30°C, hail impact, freeze-thaw cycles	Material: PC/ABS alloy Lifespan: 15-20 years	Material: Modified ABS (with toughening agents POE/MBS, but not suitable for use in extremely cold regions (<-40°C)) Lifespan: 6-8 years Cost: 20% lower than PC/ABS
Indoor/corridor/basement/weak current well environment	Constant temperature and humidity, no UV and mechanical protection requirements	Modified ABS (ABS + glass fiber) Lifespan: 8-10 years	1. Material: Pure PP (unreinforced, weak mechanical strength, suitable for use in non-stressed environments only) Lifespan: 5-7 years Cost: 60% lower than conventional modified ABS 2. Material: Pure ABS (no direct sunlight) Lifespan: 5-8 years Cost: 15% lower than conventional modified ABS
*PC material's comprehensive performance in extreme environments is irreplaceable, making it an essential material, especially in high-standard communications projects. Extreme environments include: rapid temperature fluctuations (<-30°C or >80°C), high corrosion risk (salt spray/acid rain), high external impact (traffic/disaster areas), and high UV radiation (unshielded outdoor). Lifespan: Over 20 years, no frequent box replacement required.			

Protective Grade Introduction				
Protection level	Dust resistance	Waterproof capability	Applicable Scenarios	Testing Core Differences
IP53	Limited dust intrusion protection (not completely sealed)	Protected against water spraying within 60° vertically	Indoor dry environment (such as corridors and weak current wells)	Dustproof: No negative pressure, dust concentration 2kg/m³, tested for 8 hours; Waterproof: Spray angle 60°, flow rate 10L/min, duration 1 minute
IP55	Limited dust intrusion protection (not completely sealed)	Protected from low-pressure water spray from all directions	Mild outdoor environment (such as rainy areas)	Dustproof: Same as IP53; Waterproof: Nozzle diameter 6.3mm, water pressure 30kPa, all-directional spraying at a distance of 3m for ≥3 minutes
IP65	Completely dustproof (dust-tight)	Protected from low-pressure water spray from all directions	Dusty/rainy outdoor areas (such as base stations and industrial areas)	Dustproof: Negative pressure (pressure differential ≤ 2kPa), dust concentration 2kg/m³, tested for 8 hours; Waterproof: Same as IP55 but with a higher water pressure (100kPa)
IP67	Completely dustproof (dust-tight)	Short-term immersion protection	Outdoor electronic equipment, vehicle components	Dustproof: Same as IP65; Waterproof: 1 meter deep/30 minutes
IP68	Completely dustproof (dust-tight)	Continuous diving to prevent high pressure penetration	Underwater/buried environments (such as underground optical cables, seabed)	Dustproof: Same as IP65; Waterproof: Negotiable water depth (usually ≥1m x 1h, customizable up to 10m x 72h), actual water pressure simulation required



IP RATINGS

IP

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INGRESS PROTECTION MARKING

SOLID PROTECTION

WATER PROTECTION

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