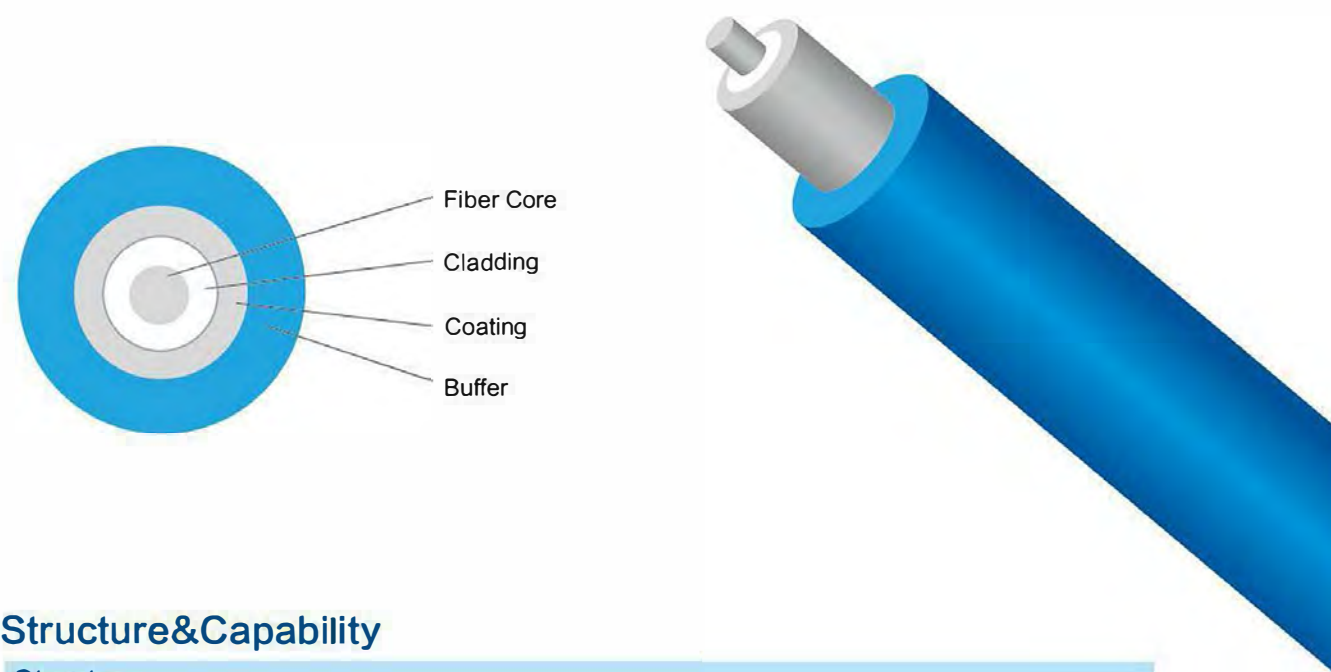


◎ Profile View



◎ Structure&Capability

Structure	
Description	Fiber Core、Cladding、Coating、Buffer
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Tight-buffer	Tight-buffered $\Phi 0.6\text{mm}$ 、 $\Phi 0.7\text{mm}$ 、 $\Phi 0.9\text{mm}$.
Jacket	Materials: Flame retardant polyvinyl chloride (PVC)、Low smoke halogen-free flame retardant polyolefin (LSZH),Flame retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

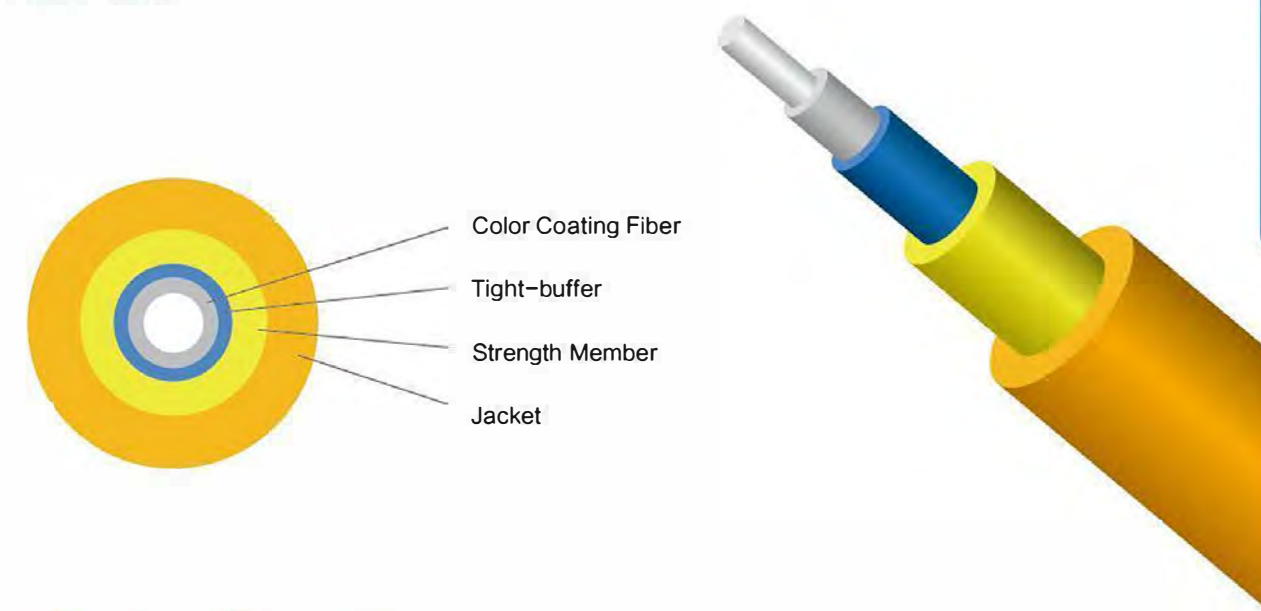
Features	
Application	Used as pigtails and patch cords. Components of various indoor optical cables. Directly connected to the standard adaptor.
Characteristic	Soft and easy to peel. High performance tight-buffered protect one-time coating optical fiber. Small bending radius、good mechanical and environmental performance.
Temperature	PVC: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$ LSZH: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ NYLON: $-40^{\circ}\text{C} \sim +120^{\circ}\text{C}$ HYTREL: $-40^{\circ}\text{C} \sim +120^{\circ}\text{C}$

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	0.45	0.3	3	6	50	100	10D	20D
1	0.6	0.5	3	6	50	100	10D	20D
1	0.7	0.6	3	6	50	100	10D	20D
1	0.9	1.0	3	6	50	100	10D	20D
2	1.0	1.2	6	12	20	50	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Color coating fiber、Strength member、Jacket.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Tight-buffer	Tight-buffered $\Phi 0.6\text{mm}$ 、 $\Phi 0.7\text{mm}$ 、 $\Phi 0.9\text{mm}$
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials : Flame – retardant polyvinyl chloride (PVC) , low – smoke halogen – free flame – retardant polyolefin (LSZH) , flame – retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

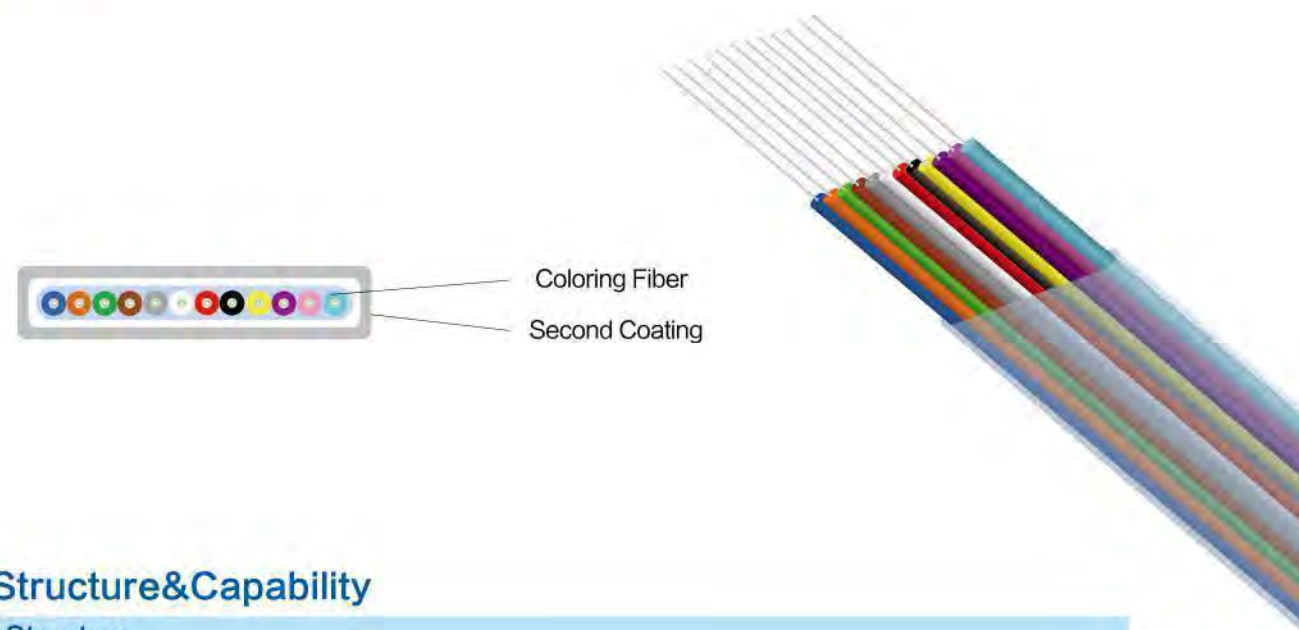
Features	
Application	Used as pigtails and patch cords. Used in optical communication equipment rooms. Optical connection of Optical Distribution frame. Optical connection for optical instruments and equipment.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy splice, and with big capacity data transmission.
Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Parameter								
Fiber Count	Cable Dimension (mm)	Cable weight (kg)	Tensile(N)		Crush(N/10cm)		Bending radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	1.6	2.7	40	80	100	500	10D	20D
1	1.8	3.0	40	80	100	500	10D	20D
1	2.0	3.5	60	100	100	500	10D	20D
1	2.8	6.5	80	150	100	500	10D	20D
2	3.0	7.0	80	150	100	500	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure					
Description	Coloring Fiber、Second Coating				
Coloring Fiber	Single Mold Optical Fiber:G652,G655,G657 or other single mold of optical fiber Multimold Optical Fiber:A1a、A1b or other multimold optical fiber				
Second Coating	Material: acrylic resin or other material				
Features					
Application	Fiber ribbon is the basic element in the manufacture of fiber ribbon indoor optical fiber cable. It also can be applied directly to the optical connection of devices or devices in some special environments.				
Characteristic	Good mechanical and environment characteristics				
	The separability of each optical fiber meets the requirements of relevant standards and users				
	The torsional and residual torsional properties of fiber ribbon meet the requirements of relevant standards and users.				
	Meet various requirements of the market and the users				
Temperature	-40℃ ~ +70℃				
Parameter					
Fiber Count	Cable Width (μ m)	Cable Depth (μ m)	Adjacent fiber horizontal spacing (μ m)	Horizontal distance between two sides of fiber (μ m)	Smoothness (μ m)
4	1220	400	280	835	35
6	1770	400	280	1385	35
12	3400	400	300	2980	50
24	6800	400	300	/	75

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure				
Description	Empty Tube			
Materials	Materials: low smoke halogen-free flame retardant polyolefin (LSZH), thermoplastic elastomer Hytrel or other materials. Color : Color as specified by standard or other color.			
Features				
Application	Protection of splicing fiber.			
Characteristic	Low shrink. Small bending radius. The length of fiber can be up to 10 meters at a time. Soft, flexible and easy to wear.			
Temperature	Hytrel: -40℃ ~ +85℃ LSZH: -40℃ ~ +60℃			
Parameter				
Empty type	Empty Dimension (mm)	Empty Bore (mm)	Empty Weight (kg)	Heat shrinkage
Hytrel Empty	0.9	0.45	0.6	<0.5%
Hytrel Empty	2.05	1.57	1.6	<0.5%
LSZH Empty	1.7	1.3	1.5	<2.0%
LSZH Empty	2.5	1.8	3.5	<2.0%

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Empty tube、Strength member、Jacket
Empty Tube	Hytrel、LSZH
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH), polyurethane (TPU) or other materials. Color : Color as specified by standard or other color.

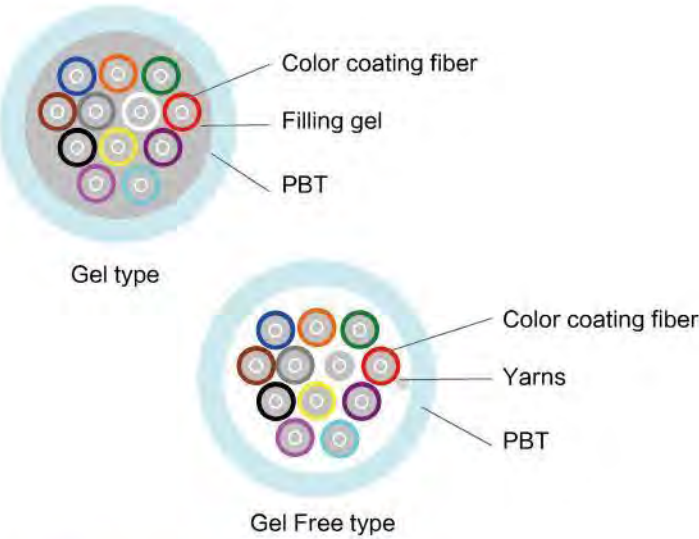
Features	
Application	Protection of splitter fiber. Protection of adaptor fiber.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Low shrink.Small bending radius. Soft, flexible and easy to wear.
Temperature	-20℃ ~ +60℃

Parameter								
Fiber Count Admissible	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	2.0	3.5	60	100	100	500	10D	20D
1	3.0	6.0	60	100	100	500	10D	20D
2~12	3.5	8.0	60	100	100	500	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Color coating fiber、Gel、Sheath.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Filling	Gel、water Proof-blocking yarns or other waterproof materials.
Sheath	Material: PBT or Else Color: According to the standard colors or other colors.

Features	
Application	Components of a variety of outdoor optical fiber cables
Characteristic	Good mechanical and environmental performance. Good resistance to hydrolysis and water resistance. Excellent tensile and pressure resistance. Small structure, light weight and support large capacity data transmission.
Temperature	-40℃ ~ +70℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Wadius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~12	2.0	4.3	10	20	200	500	10D	20D
16	3.0	9.2	20	40	300	600	10D	20D
24	3.5	12.5	30	60	300	600	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color coating fiber, strength member, Jacket.
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Tight-buffer	Tight-buffered $\Phi 0.6\text{mm}$, $\Phi 0.7\text{mm}$, $\Phi 0.9\text{mm}$
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials : Flame – retardant polyvinyl chloride (PVC), low – smoke halogen – free flame – retardant polyolefin (LSZH), flame – retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as pigtails and patch cords. Used in optical communication equipment rooms. Optical connection of Optical Distribution frame. Optical connection for optical instruments and equipment.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy splice, and with big capacity data transmission.

Temperature	-20℃ ~ +60℃
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Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	1.6	2.7	40	80	100	500	10D	20D
1	1.8	3.0	40	80	100	500	10D	20D
1	2.0	3.5	60	100	100	500	10D	20D
1	2.8	6.5	80	150	100	500	10D	20D
1	3.0	7.0	80	150	100	500	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Duplex Flat Indoor Cable

◎ Structure&Capability

Structure

Description	Bare Fiber, Coating, Tight-buffer, Strength member, Jacket
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Tight-buffer	Tight-buffered $\Phi 0.6\text{mm}$, $\Phi 0.7\text{mm}$, $\Phi 0.9\text{mm}$
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials : Flame – retardant polyvinyl chloride (PVC), low – smoke halogen – free flame – retardant polyolefin (LSZH), flame – retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as pigtails and patch cords.Used in optical communication equipment rooms. Optical connection of Optical Distribution frame.Used in indoor cabling.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to splice, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

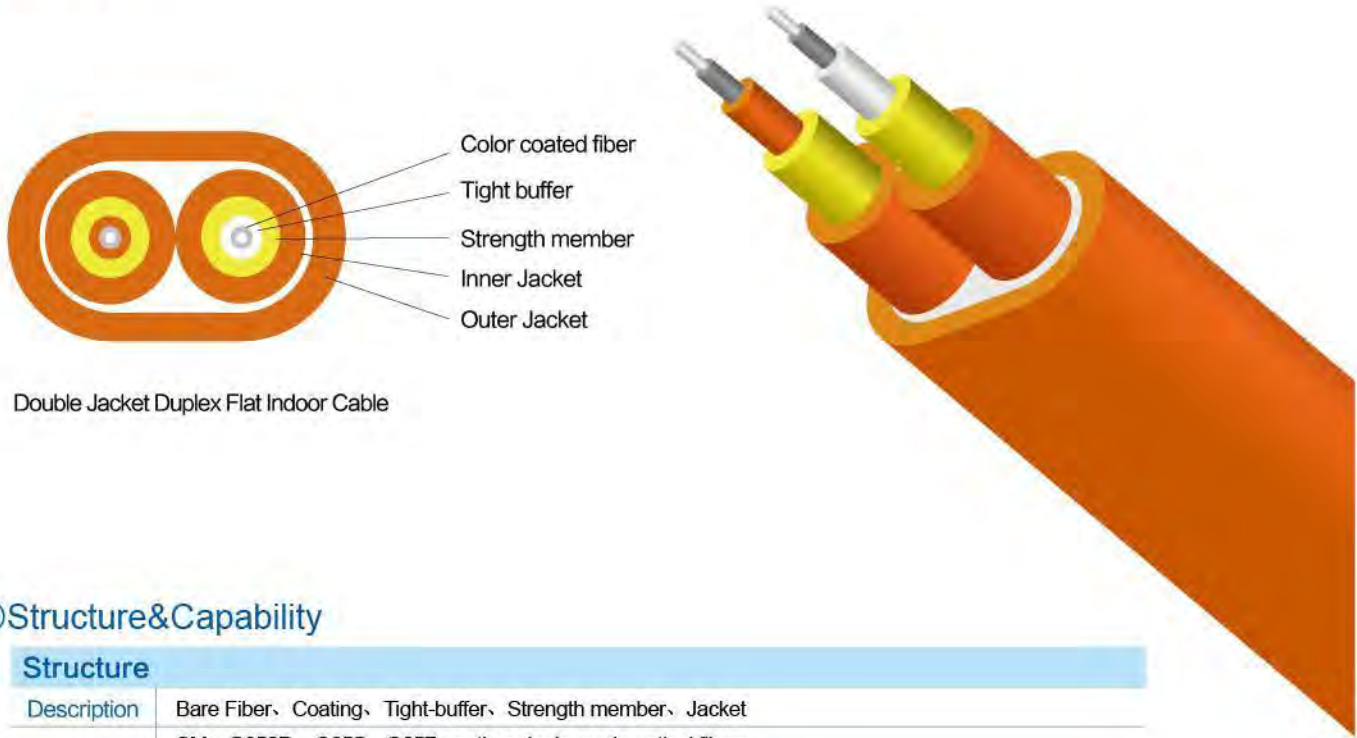
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2	1.6 × 3.3	5.7	80	150	100	500	10D	20D
2	1.85 × 3.8	6.9	80	150	100	500	10D	20D
2	2.0 × 4.1	7.4	100	200	100	500	10D	20D
2	2.8 × 5.7	13.2	150	300	100	500	10D	20D
2	3.0 × 6.1	14.0	150	300	100	500	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other ther customized special request.

◎Profile View



Double Jacket Duplex Flat Indoor Cable

◎Structure&Capability

Structure	
Description	Bare Fiber、Coating、Tight-buffer、Strength member、Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Tight-buffer	Tight-buffered $\phi 0.6\text{mm}$ 、 $\phi 0.7\text{mm}$ 、 $\phi 0.9\text{mm}$
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: Flame-retardant polyvinyl chloride(PVC), low-smoke halogen-free flame-retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color: Color as specified by standard or other color.

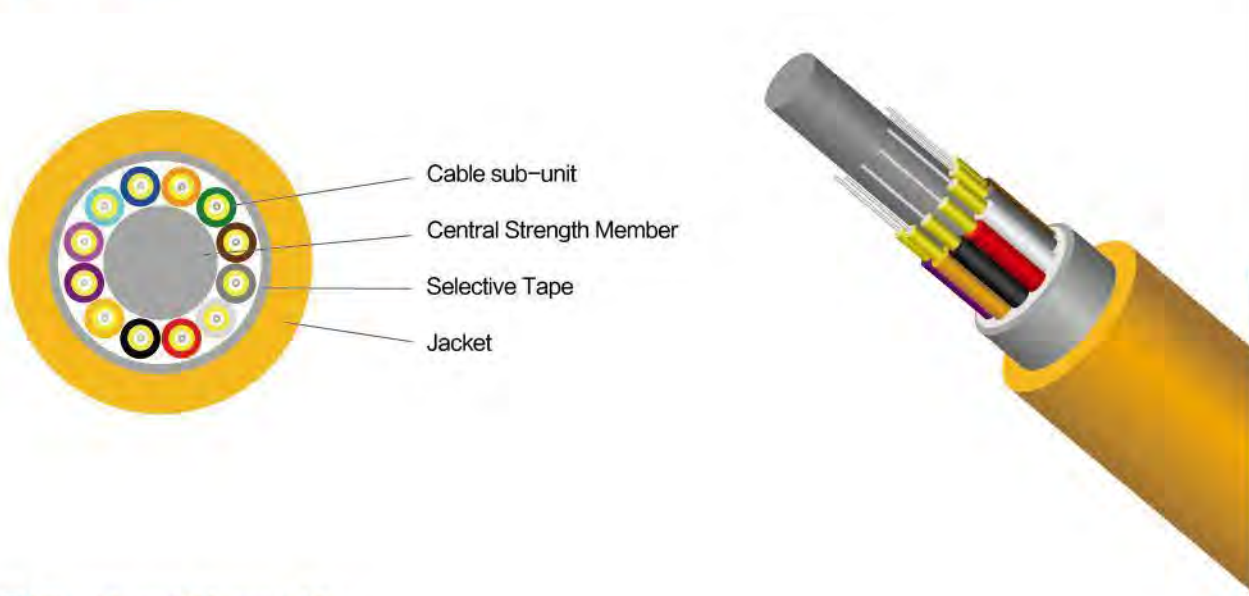
Features	
Application	Used as pigtails and patch cords. Used in optical communication equipment rooms. Optical connection of Optical Distribution frame. Used in indoor cabling.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to splice, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2	2.8×4.8	13.1	80	150	100	500	10D	20D
2	3.0×5.0	14.8	80	150	100	500	10D	20D
2	4.0×7.0	25.6	150	300	100	500	10D	20D

◎Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎Profile View



◎Structure&Capability

Structure	
Description	Cable Sub-unit、Central Strength Member、Selective Tape、Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	FRP or other high strength yarn.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color: Color as specified by standard or other color.

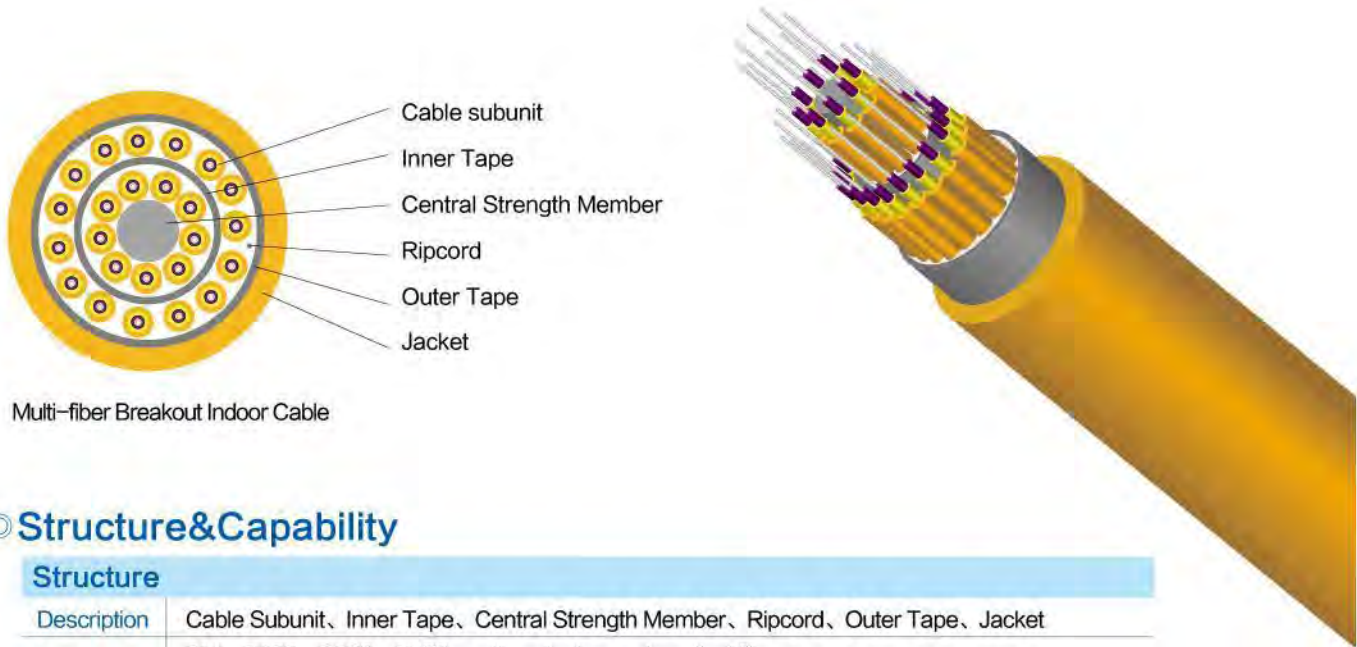
Features	
Application	Used as cable in indoor premises distribution system. Used as connection of communication equipment.
Characteristic	Stranded structure,non-metallic strength member can bear greater tension. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice, Suitable for construction operation.
Temperature	-20℃ ~ +60℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
4	7.5	45.0	200	400	300	1000	10D	20D
6	8.5	60.0	250	600	300	1000	10D	20D
8	10.0	91.0	300	800	300	1000	10D	20D
12	12.5	145.0	400	1000	300	1000	10D	20D

◎Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Multi-fiber Breakout Indoor Cable

◎ Structure&Capability

Structure

Description	Cable Subunit, Inner Tape, Central Strength Member, Ripcord, Outer Tape, Jacket
Fiber	SM: G652、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multimode fibers.
Strength Member	FRP Or other high strength member.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used in indoor cabling. Floor optical branch. Used as pigtail of communication equipment and adaptor,patch cord. Used as connection cable between buildings
Characteristic	Good mechanical and environmental characteristic. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice,suitable for construction operation
Temperature	-20℃ ~ +60℃

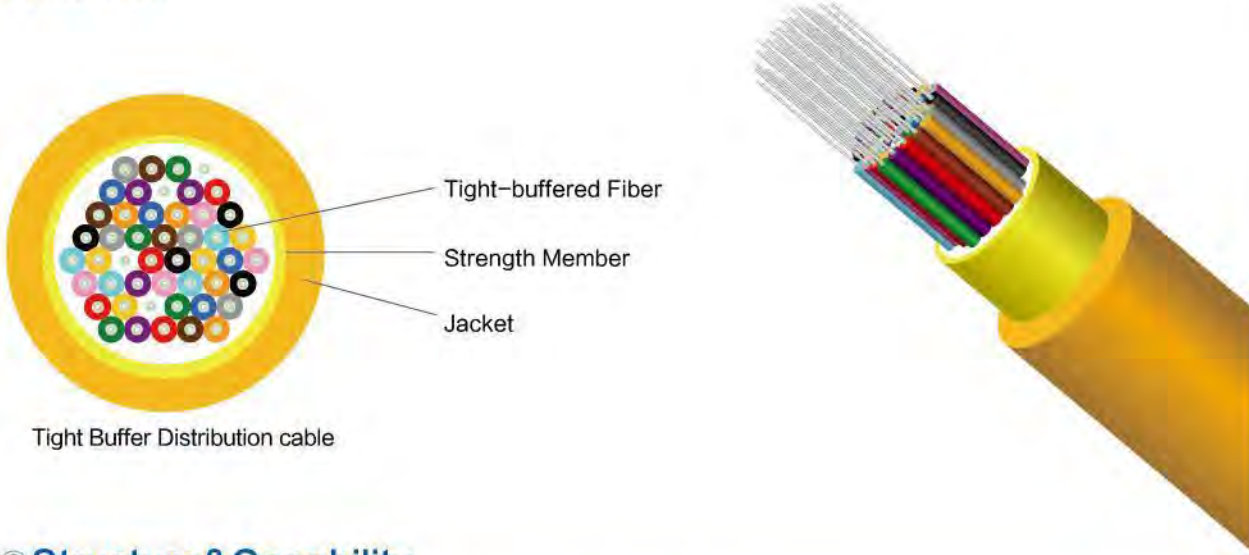
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
16	12.0	120.0	500	1500	300	1000	10D	20D
24	15.0	178.0	800	2200	300	1000	10D	20D
36	17.5	200.0	1000	3000	300	1000	10D	20D
48	20.0	247.0	1500	4000	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Tight Buffer Distribution cable

◎ Structure&Capability

Structure

Description	Tight-buffered Fiber, Strength Member, Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multimode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials Color : Color as specified by standard or other color.

Features

Application	Used in indoor cabling. Used as pigtail of communication equipment and adaptor,patch cord. Used as connection cable between buildings.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice,suitable for construction operation.
Temperature	-20℃ ~ +60℃

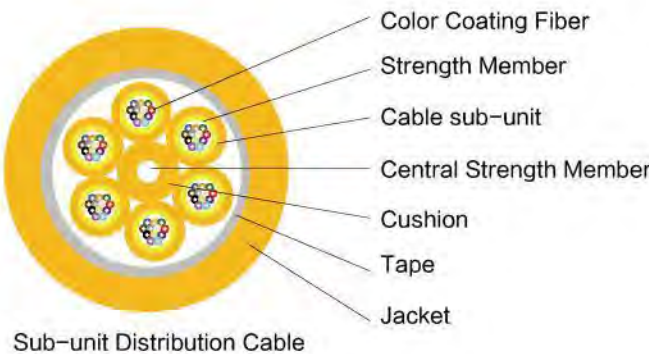
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
4	5.0	19.0	70	220	200	350	10D	20D
6	5.2	23.0	130	440	200	1000	10D	20D
8	5.5	26.0	130	440	200	1000	10D	20D
12	6.5	36.5	130	440	200	1000	10D	20D
16	7.5	44.5	200	660	300	1000	10D	20D
24	8.5	54.5	200	660	300	1000	10D	20D
36	9.5	72.0	200	660	300	1000	10D	20D
48	10.5	90.0	200	660	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color Coating Fiber、Strength Member、Cable Sub-unit、Central Strength Member、Cushion、Tape、Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	Strength Member: Aramid yarn or other high strength yarn. Central Strength Member: FRP + Cushion
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as cable Indoor horizontal or vertical cabling. Used as pigtail of communication equipment and adaptor,patch cord. Used as connection of transmission equipment.
Characteristic	All dielectric structure,without affection of electromagnetic induction. Multi-core, compacted structure, small size,light weight. Soft, small bending radius,excellent stress and strain performance.
Temperature	-20℃ ~ +60℃

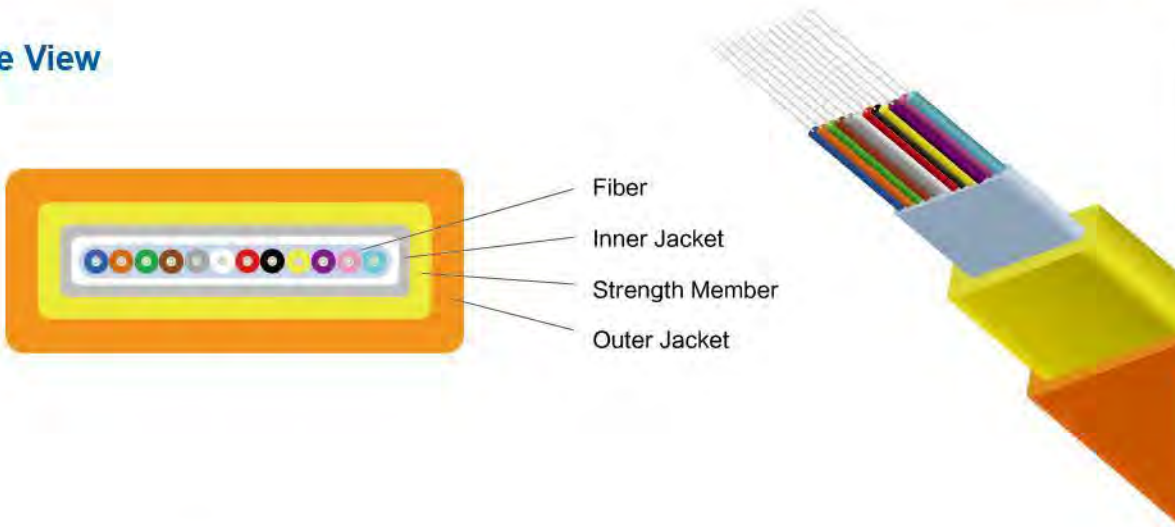
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
16	12.5	125.0	400	1320	300	1000	10D	20D
24	15.0	183.0	400	1320	300	1000	10D	20D
36	17.0	238.0	400	1320	300	1000	10D	20D
48	18.5	292.0	400	1320	300	1000	10D	20D
64	22.0	410.0	400	1320	300	1000	10D	20D
72	22.5	390.0	400	1320	300	1000	10D	20D
96	25.5	546.0	600	1500	300	1000	10D	20D
144	35.5	1004.0	800	2000	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other Requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Optical Fiber Ribbon、Inner Jacket、Strength Member、Outer Jacket.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as cable in indoor premises distribution system. used for MPO active adaptor. Used for transmission between indoor transmission equipment and voice data processing optical interface device.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

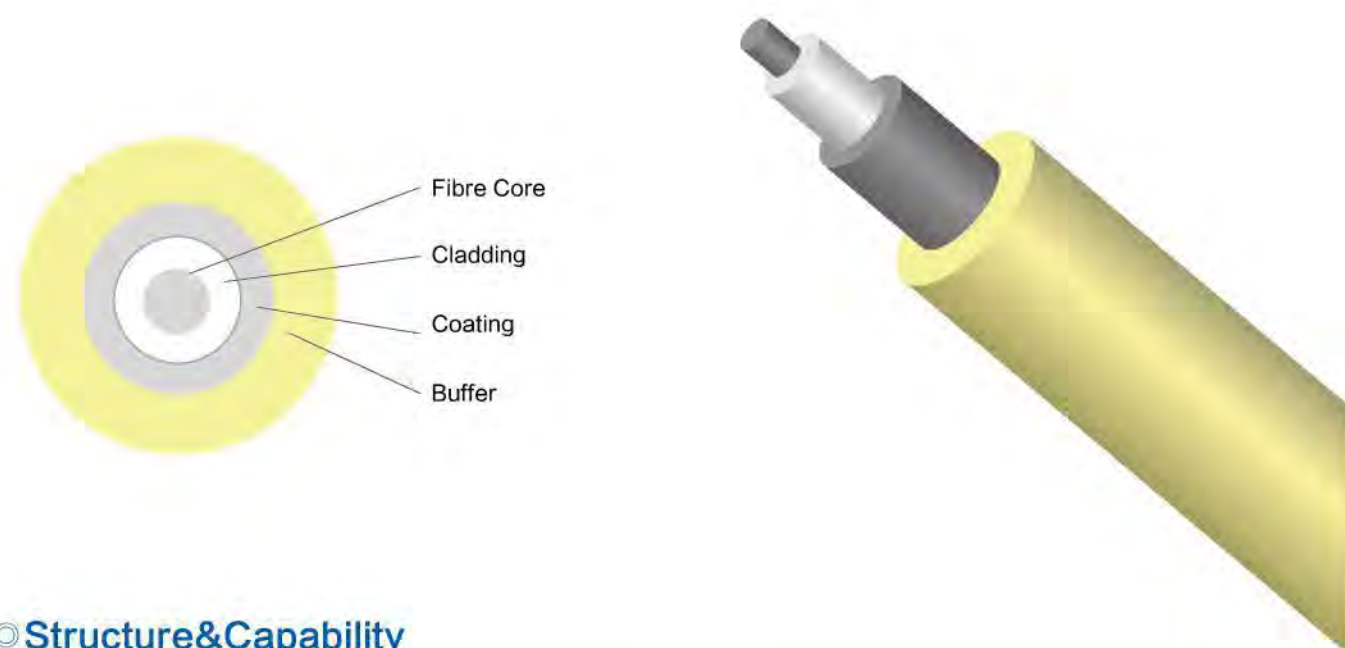
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
4	3.5×2.5	8.4	100	200	300	1000	10D	20D
6	4.0×2.5	9.3	100	200	300	1000	10D	20D
12	5.0×2.5	12.0	130	440	300	1000	10D	20D
24	7.5×2.5	15.2	200	660	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Fiber Core、Cladding、Coating、Buffer
Fiber	SM Fiber: G657 or other bending insensitive optical fibers.
Secondary Buffer	Tight-buffered $\Phi 0.9\text{mm}$
Jacket	Material: Transparent polyurethane (TPU)、Transparent nylon (PA) or other transparent materials Color: Natural transparent.

Features

Application	Mainly used as cable indoor cabling in the renovation of old residential area.
Characteristic	Soft and easy to strip. High performance tight-buffered protection for primary coating fiber. invisible, beautiful, excellent in bending performance, excellent in mechanical and environmental performance. The construction is convenient and can be completed by one person.
Temperature	NYLON: $-40^{\circ}\text{C} \sim +120^{\circ}\text{C}$ TPU: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

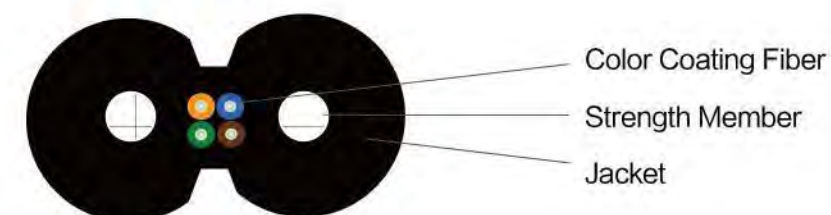
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	0.9	0.68	3	6	50	1000	10D	20D

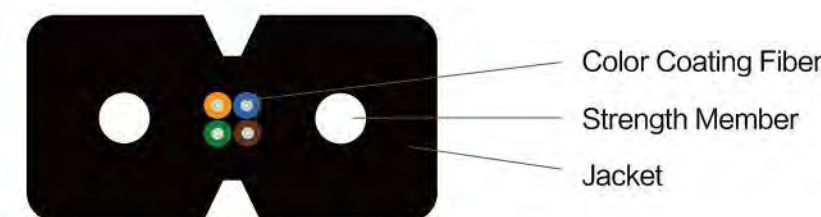
◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: other customized special request.

◎ Profile View



Color Coating Fiber Flat Drop Cable I



Color Coating Fiber Flat Drop Cable II

◎ Structure&Capability

Structure

Description	Color Coating Fiber、Strength Member、Jacket
Fiber	SM: G652D、G655、G657 Or other single-mode optical fibers. MM: A1a、A1b Or other multi-mode fibers.
Secondary Buffer	Tight-buffered $\Phi 0.9\text{mm}$
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen free flame retardant polyolefin (LSZH) or other materials. Color: Color as specified by standard or other color.

Features

Application	Used as terminal connection in FTTH access network. Used for building horizontal cabling in premises distribution system, especially suitable for horizontal cabling and terminal quick connection. Good mechanical and environmental performance.
Characteristic	Excellent side pressure protection design. Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Soft, flexible, easy operation, and with big capacity data transmission.
Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~4	2.0×3.0	8.0	40/100	80/200	500/1000	1000/2200	10H	20H
1~4	2.0×3.0	9.0	40/100	80/200	500/1000	1000/2200	10H	20H

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Self-Supporting Bow-type Drop Cable I



Self-Supporting Bow-type Drop Cable II



◎ Structure&Capability

Structure

Description	Color Coating Fiber, Strength member, Messenger, Jacket.
Fiber	SM: G652, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	FRP, steel wire or other high strength member.
Messenger	FRP, steel wire or other high strength member.
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as terminal connection in FTTH access network. Used for building horizontal cabling in premises distribution system, especially suitable for horizontal cabling and terminal quick connection.
Characteristic	Good mechanical and environmental performance. Excellent side pressure protection design. Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Soft, flexible, easy operation, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

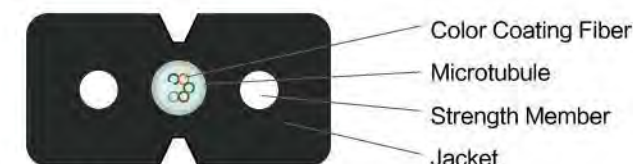
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~4	2.0*5.2	18.0	300	600	1000	2200	10D	20D
1~4	2.0*5.2	19.0	300	600	1000	2200	10D	20D

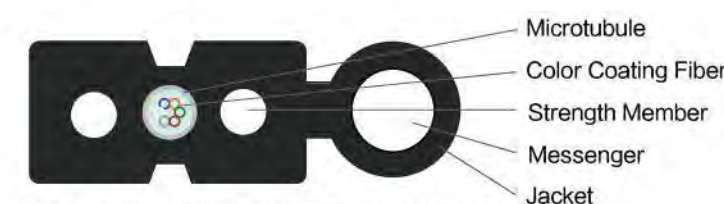
◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Microtubule Bow-type Drop Cable



Microtubule Self-supporting Bow-type Drop Cable



◎ Structure&Capability

Structure

Description	Color Coating Fiber, Microtubule, Strength Member, Messenger, Jacket
Fiber	SM: G652, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multimode fibers.
Microtubule	PBT LSZH (suitable for 6~24 cores)
Strength Member	FRP, steel wire or other high strength member.
Messenger	FRP, steel wire or other high strength member.
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as terminal connection in FTTH access network. Used for building horizontal cabling in premises distribution system, especially suitable for horizontal cabling and terminal quick connection.
Characteristic	Good mechanical and environmental performance. Excellent side pressure protection design. Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Soft, flexible, easy operation, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

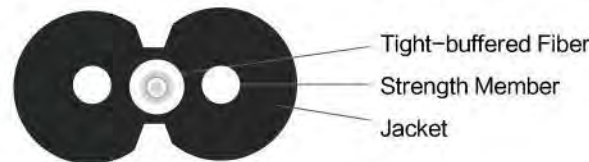
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
6~12	3.0×4.2	19.0	40/100	80/200	100	500	10H	20H
16~24	4.2×5.0	29.0	40/100	80/200	100	500	10H	20H
6~12	3.0×6.2	27.5	300	600	500	1000	10H	20H
16~24	4.2×7.3	36.5	300	600	500	1000	10H	20H

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Invisible Bow-type Drop Cable I



Invisible Bow-type Drop Cable II



◎ Structure&Capability

Structure

Description	Color Coating Fiber、Microtubule、Strength Member、Jacket.
Fiber	SM: G652、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multimode fibers.
Fiber of Tight-buffer	Transparent Polyurethane (TPU), transparent Nylon (PAA) or other transparent Materials.
Strength Member	FRP, steel wire or other high strength member.
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as terminal connection in FTTH access network. Used for building horizontal cabling in premises distribution system, especially suitable for horizontal cabling and terminal quick connection.
Characteristic	Good mechanical and environmental performance. Excellent side pressure protection design. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. The fiber of tight buffer is invisible , beautiful and wide in application .
Temperature	-20℃ ~ +60℃

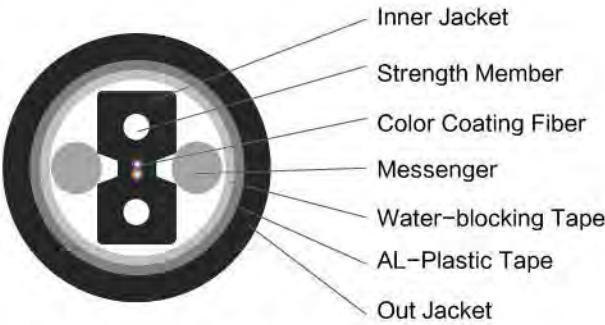
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	2.0×3.0	8.0	40/100	80/200	500/1000	1000/2200	10H	20H
1	2.0×3.0	9.0	40/100	80/200	500/1000	1000/2200	10H	20H

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Duct Bow-type Drop Cable



◎ Structure&Capability

Structure

Description	Color coating fiber、Strength member、Inner jacket、Messenger、Water-blocking Tape、AL-Plastic Tape、Out jacket
Fiber	SM: G652、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multimode fibers.
Inner Jacket	Φ3.0×2.0mm
Strength Member	FRP, steel wire or other high strength member.
Jacket	Materials: polyethylene (PE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Outdoor duct
Characteristic	Good mechanical and environmental performance. Excellent tensile and side pressure protection design. Full section water-proof structure meets the use of duct environment.
Temperature	-20℃ ~ +60℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~4	6.8	26.0	300	600	1000	2200	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure								
Description	Color Coating Fiber、Tight-buffer、Strength Member、Jacket							
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.							
Tight Buffer	Tight Buffer Φ0.6mm、Φ0.7mm、Φ0.9mm							
Strength Member	Aramid yarn or other high strength yarn.							
Jacket	Materials: low smoke halogen free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.							
Features								
Application	Used for FTTH. Used in indoor cabling. Used as cable for preformed end-type assemblies cable.							
Characteristic	Round structure can avoid cable distortion in laying, with good mechanical characteristic and could meet laying in complex environment. All-dielectric structure, avoidance of lightning strikes and electromagnetic interference. Cable is matched with various field connectors and can be formed on site without welding operation. Jacket materials is low smoke halogen-free anti-ultraviolet flame retardant,meeting the requirements for indoor and outdoor environmental usage.							
Temperature	-40℃ ~ +70℃							
Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	2.5	6.2	80	150	500	1000	10D	20D
1	3.0	8.7	200	400	1000	2200	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



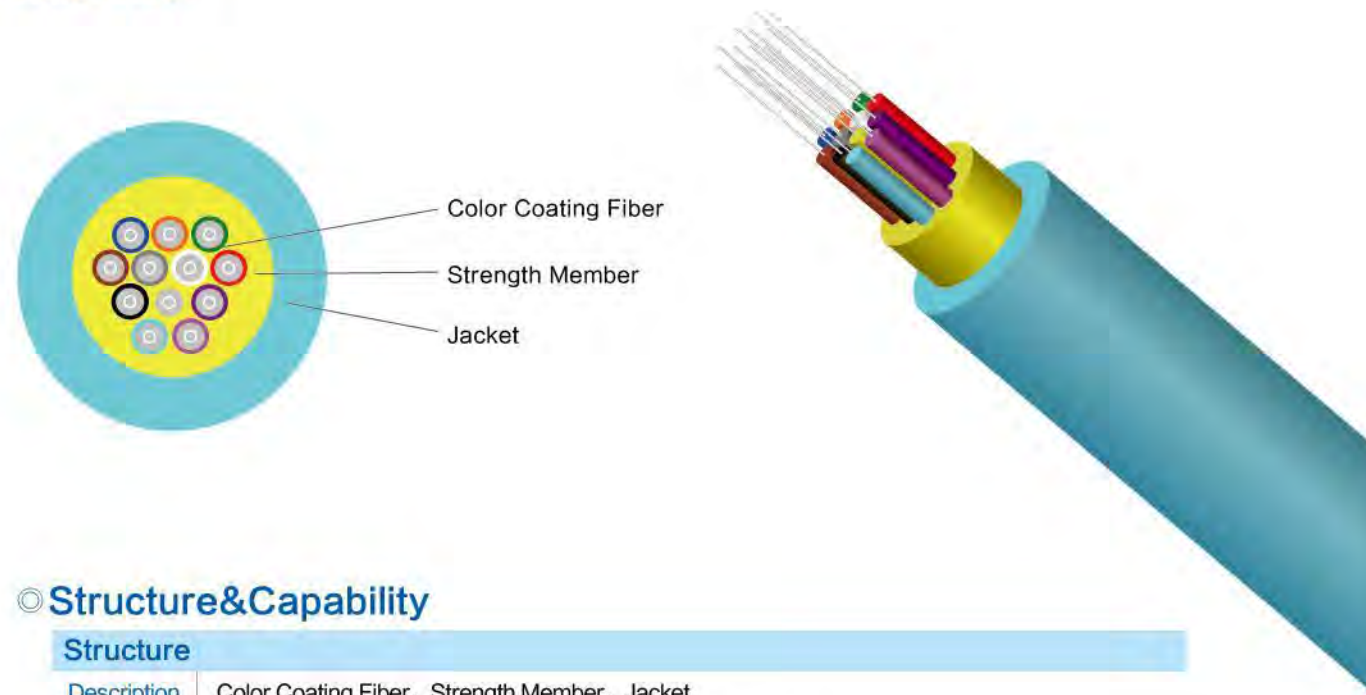
◎ Structure&Capability

Structure								
Description	Tight-buffered Fiber、Strength Member、Steel Stranded Wires 、Web、Jacket							
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.							
Tight-buffer	Tight-buffer Φ0.6mm、Φ0.7mm、Φ0.9mm							
Strength Member	Strength Member: Aramid yarn or other high strength yarn. Self-supporting Strength Member: steel wire、Steel Stranded Wires or other high strength yarn.							
Jacket	Materials: low smoke halogen free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.							
Features								
Application	Suitable for outdoor aerial. Used for FTTH.							
Characteristic	Jacket materials is low smoke halogen-free anti-ultraviolet flame retardant,Meeting the requirements for indoor and outdoor environmental usage. It has high tensile strength and is convenient for self-supporting aerial laying. Cable is matched with various field connectors and can be formed on site without welding operation.							
Temperature	-20℃ ~ +60℃							
Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~2	6.5+3.5	30	300	1000	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color Coating Fiber、Strength Member、Jacket
Fiber	SM: G652、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as pigtails and MPO patch cords. Used as connection of optical distribution frame. Used as connection of optical instruments and equipment.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Small size, light weight, soft, flexible, easy to lay and splice, suitable for data center, office buildings and other optical fiber use intensive places to use. Big capacity data transmission.
Temperature	-20℃ ~ +60℃

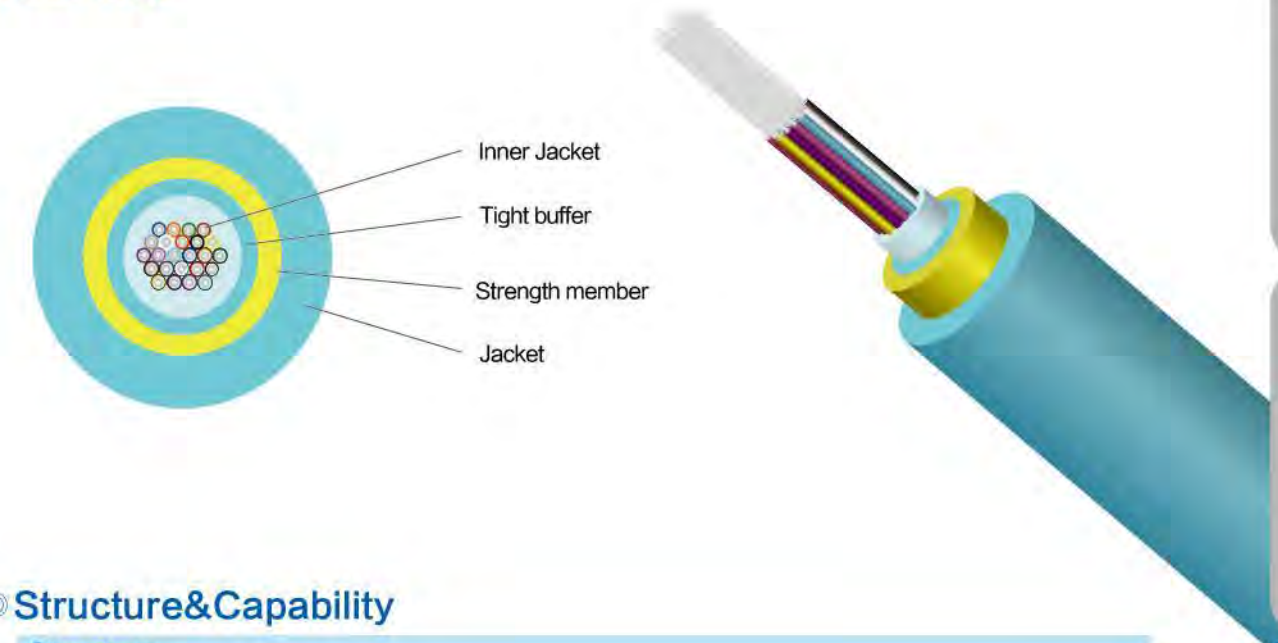
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2	1.5	2.1	40	80	100	200	10D	20D
1~12	3.0	6.0	100	200	200	400	10D	20D
16~24	3.5	8.0	150	300	200	400	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color Coating Fiber、Strength Member、Cable Sub-unit、Central Strength Member、Ripcord、Tape、Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn. Central Strength Member: FRP + Cushion
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as pigtails and MPO patch cords. Used as connection of optical distribution frame. Used as connection of optical instruments and equipment.
Characteristic	Good mechanical and environmental characteristic. Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Small size, light weight, soft, flexible, easy to lay and splice, suitable for data center, office buildings and other optical fiber use intensive places to use. Big capacity data transmission.
Temperature	-20℃ ~ +60℃

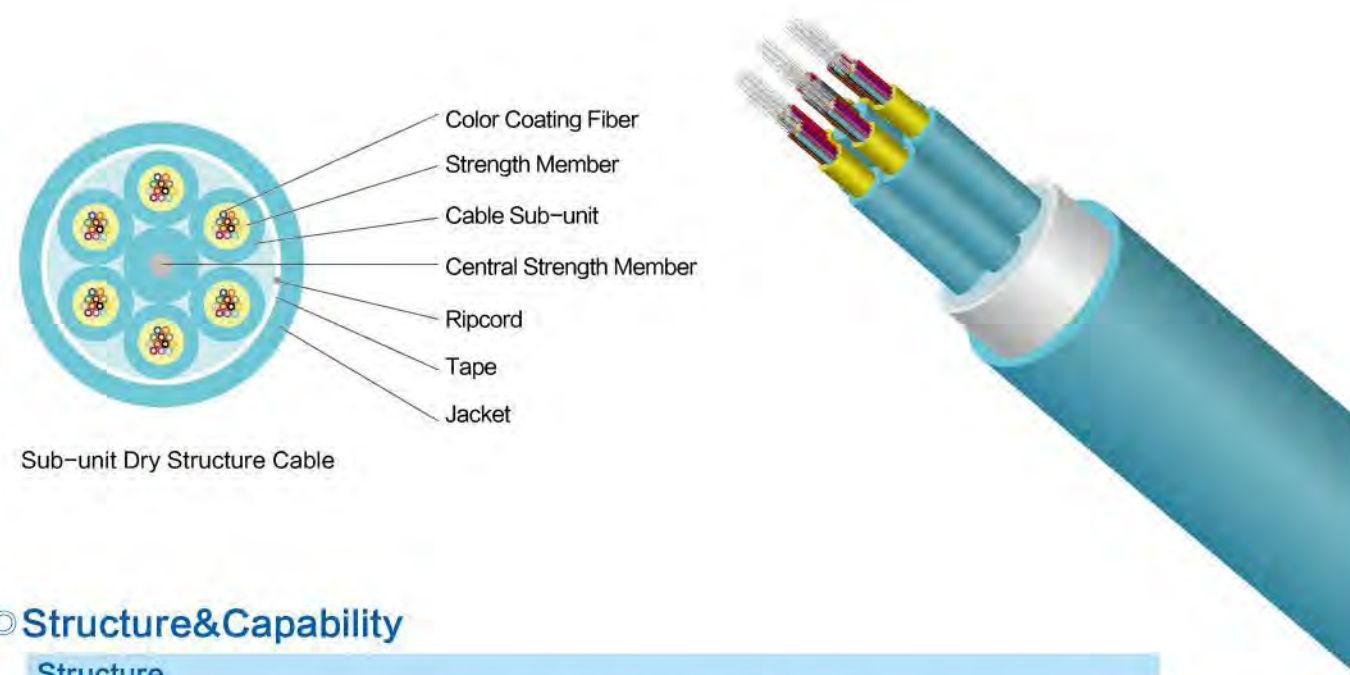
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
72	9.0	62.0	400	800	300	1000	10D	20D
144	13.0	145.0	500	1000	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



Sub-unit Dry Structure Cable

◎ Structure&Capability

Structure

Description	Color Coating Fiber, Strength Member, Cable Sub-unit, Central Strength Member, Ripcord, Tape, Jacket
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn. Central Strength Member: FRP + Cushion
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as pigtails and MPO patch cords. Used as connection of optical distribution frame. Used as connection of optical instruments and equipment.
Characteristic	Good mechanical and environmental characteristic. Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Small size, light weight, soft, flexible, easy to lay and splice, suitable for data center, office buildings and other optical fiber use intensive places to use. Big capacity data transmission.
Temperature	-20℃ ~ +60℃

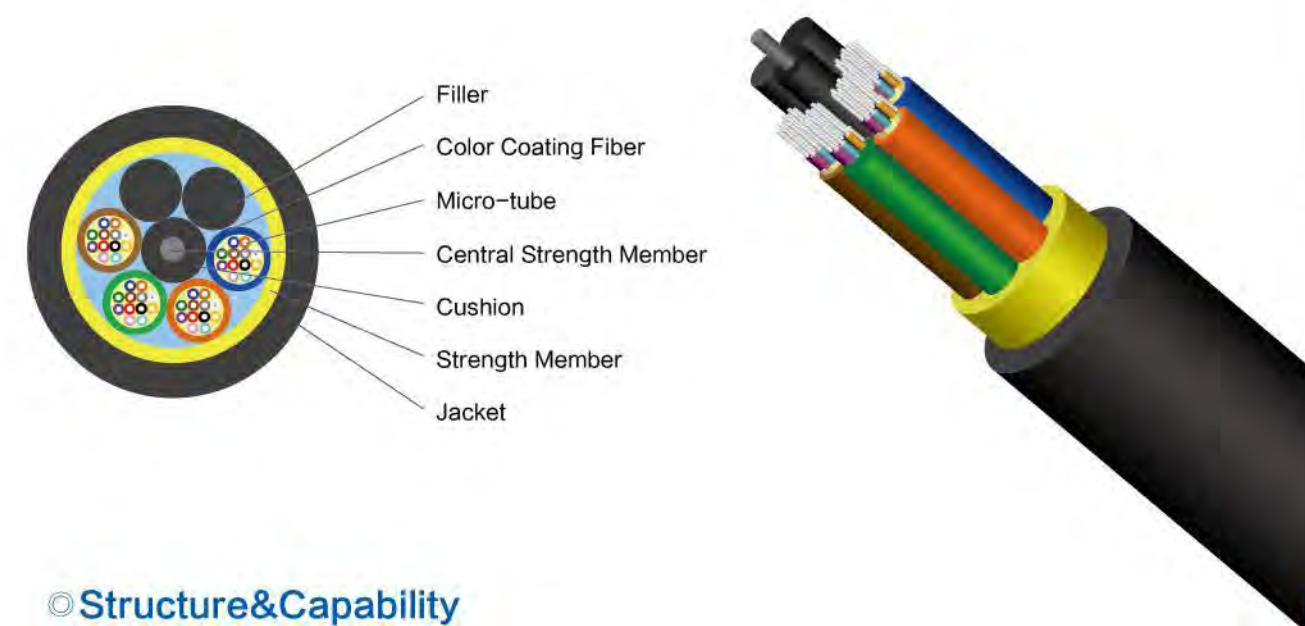
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
72	9.0	62.0	400	800	300	1000	10D	20D
144	13.0	145.0	500	1000	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color Coating Fiber, Micro-tube, Filler, Central Strength Member, Cushion, Strength Member, Jacket
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	Strength Member: Aramid yarn or other high strength yarn. Central Strength Member: FRP + Cushion
Jacket	Materials: flame retardant polyvinyl chloride (PVC), low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as access building cable in premises distribution system, Especially suitable for indoor vertical cabling. Floor optical branch. Used in access network or as vertical cabling cable in customer premises network.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
4 ~ 72	7.0	45	150	300	300	1000	10D	20D
96	8.0	62	350	700	300	1000	10D	20D
144	10.0	100	350	700	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Filling Gel、Color Coating Fiber、Cable Sub-unit、Strength Member、Ripcord、PE Tape、Jacket.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

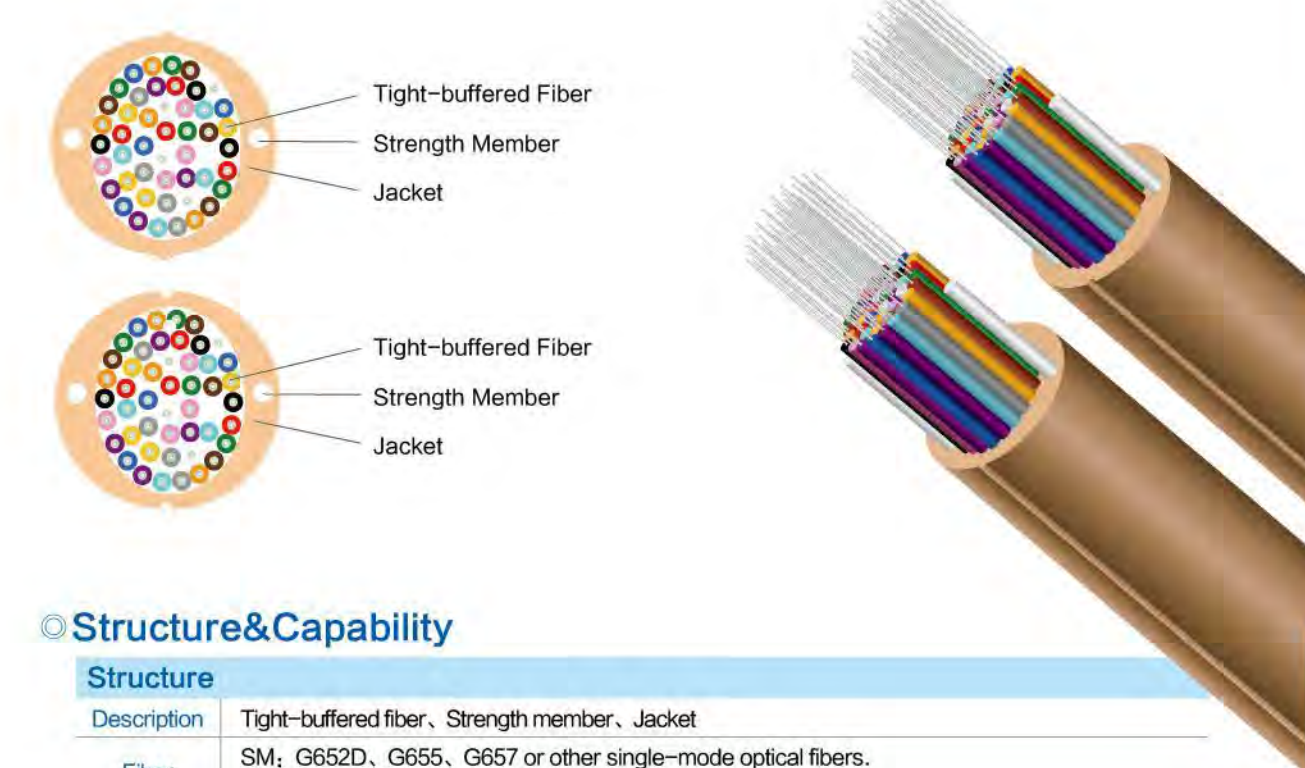
Features	
Application	Floor optical branch. Used in access network or as cable Vertical Cabling in customer premises network.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
12	3.5	13.0	100	200	300	1000	10D	20D
24	8.0	54.5	200	400	300	1000	10D	20D
48	8.0	57.5	200	400	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Tight-buffered fiber、Strength member、Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	FRP
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

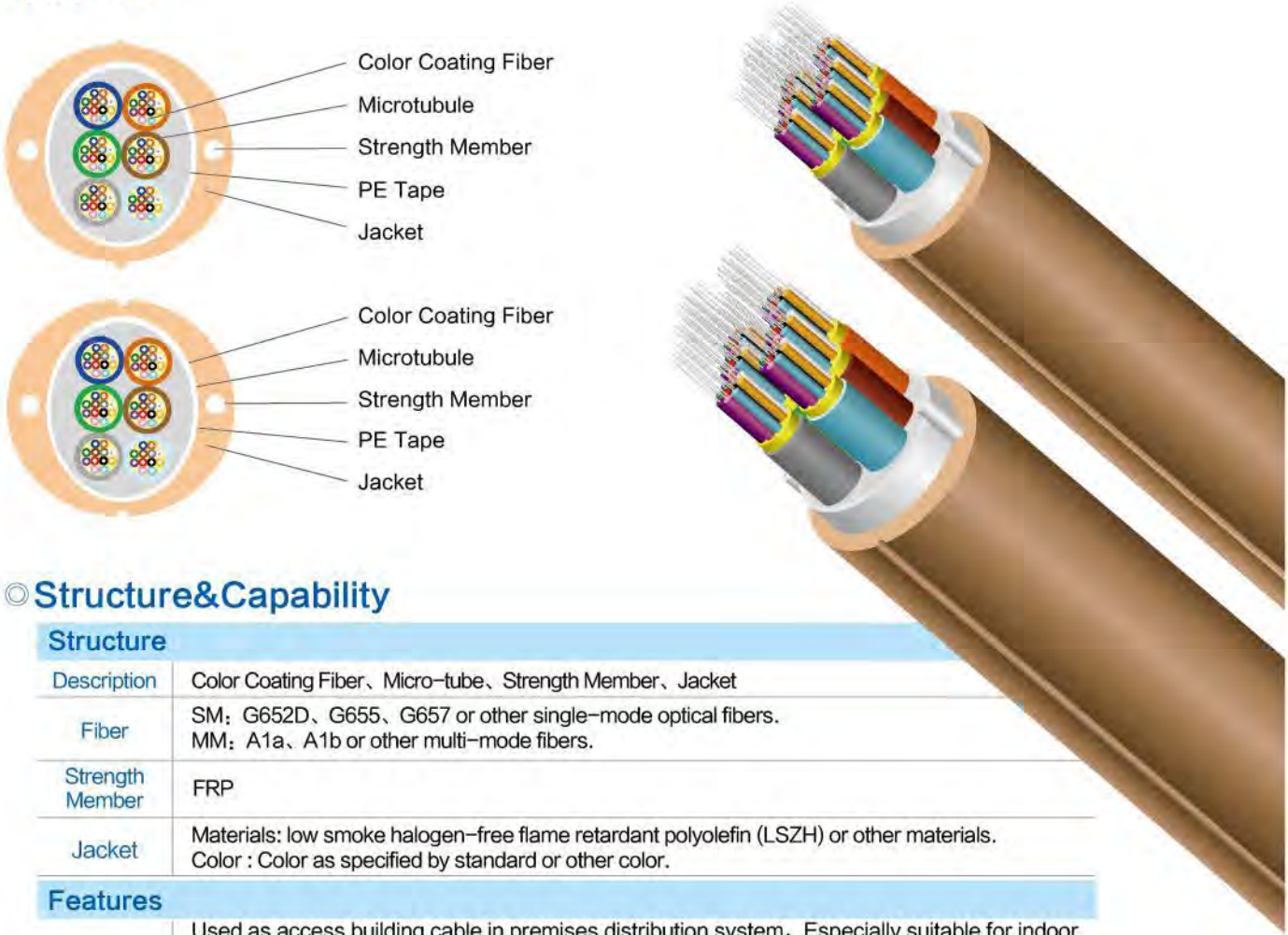
Features	
Application	Used as access building cable in premises distribution system, Especially suitable for indoor vertical cabling. Floor optical branch. Used in access network or as cable Vertical cabling in customer premises network.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice, and with big capacity data transmission
Temperature	-20℃ ~ +60℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
4 ~ 12	8.5	71	100	200	300	1000	10D	20D
24	10.5	99	100	200	300	1000	10D	20D
36	12.5	123	100	200	300	1000	10D	20D
48	13.5	146	100	200	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Color Coating Fiber、Micro-tube、Strength Member、Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	FRP
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

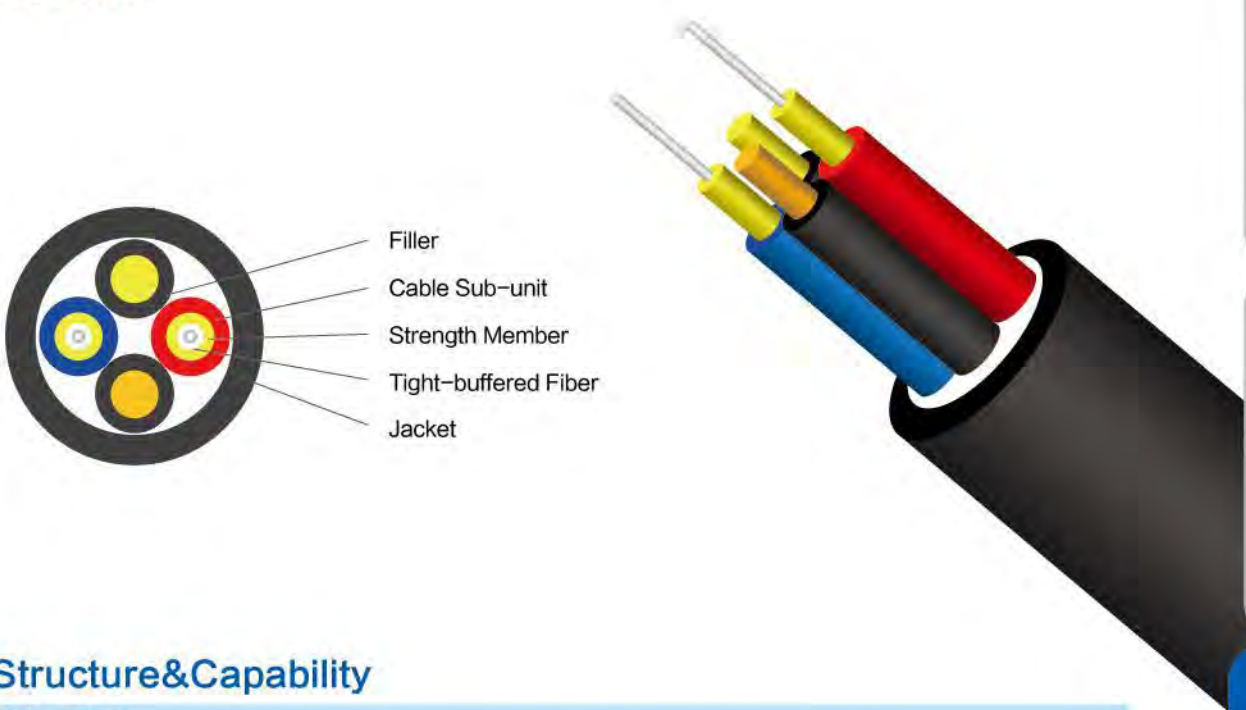
Features	
Application	Used as access building cable in premises distribution system, Especially suitable for indoor vertical cabling. Floor optical branch. Used in access network or as cable Vertical wiring in customer premises network.
Characteristic	Good mechanical and environmental performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Mechanical and physical properties of jacket meet the requirements of relevant standards. Soft, flexible, easy to lay and splice, and with big capacity data transmission
Temperature	-20℃ ~ +60℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
6~72	8.5	62	100	200	300	1000	10D	20D
144	10.5	80	100	200	300	1000	10D	20D
288	13.5	110	100	200	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Tight-buffered Fiber、Strength Member、Cable Sub-unit、Filler、Jacket
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

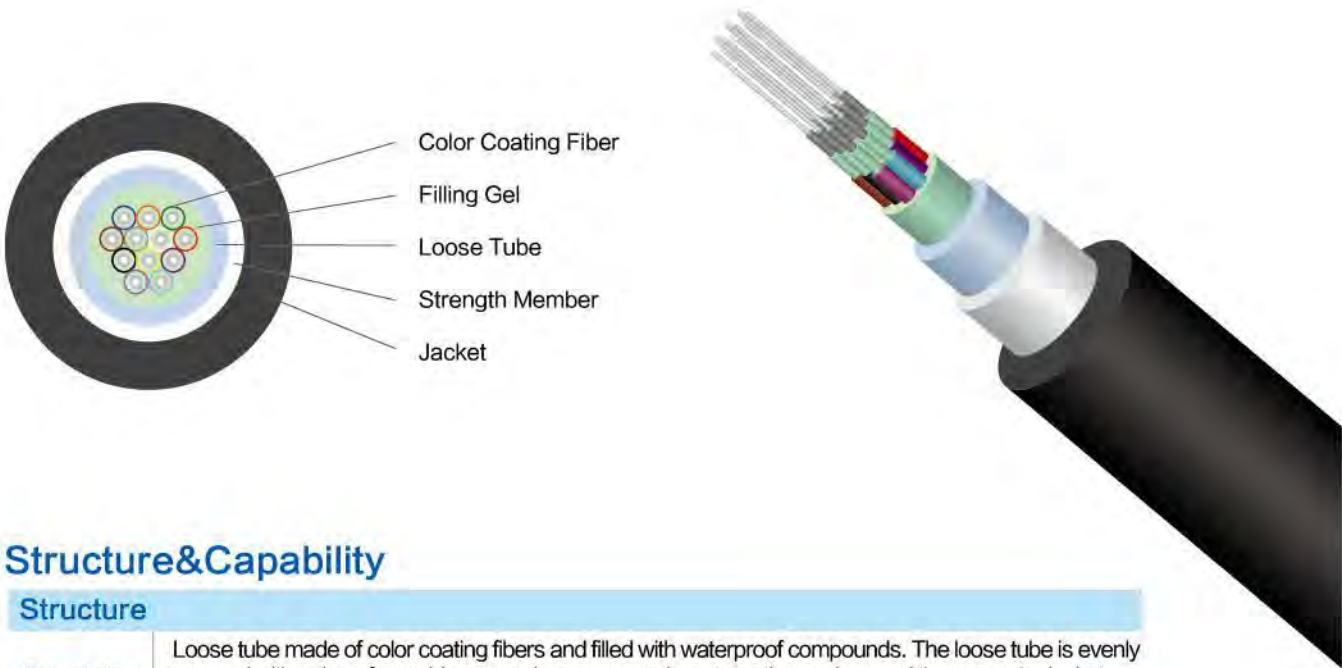
Features	
Application	Used in wireless base station horizontal cabling. Used in wireless base station vertical cabling. Used as pigtail of Communication equipment and adaptor, patch cord.
Characteristic	Good mechanical and environmental performance. Withstand indoor and outdoor environment, a wide range of usage temperature. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Anti-light radiation ,light weight ,non - metallic structure ,soft and pliable.
Temperature	-20℃ ~ +60℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2	7.0	37.5	200	400	1000	200	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Loose tube made of color coating fibers and filled with waterproof compounds. The loose tube is evenly covered with a ring of aramid yarn or glass yarn or other strength member, and then an outer jacket is extruded.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH), flame retardant polyethylene (ZRPE) or other materials. Color: black or other color.

Features

Application	Used as cable in indoor premises distribution system.、horizontal cabling for base stations. Used as cable access to building and duct from outdoor to indoor.
Characteristic	Small diameter, light weight, easy operation. All dielectric,with good anti-electromagnetic interference performance,Can be laid with electronic cable. Meet the indoor and outdoor environment.
Temperature	-40℃ ~ +70℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~12	5.8	40.0	400	800	300	1000	15D	20D
24	7.4	62.0	500	1000	300	1000	15D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Loose tube made of color coating fibers and filled with waterproof compounds. The loose tube is evenly covered with a ring of aramid yarn or glass yarn or other strength member, and then an outer jacket is extruded.Two parallel FRP embedded in jacket.
Fiber	SSM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE), polypropylene (PP) or other materials Color: black, orange or other colors.

Features

Application	Suitable for direct buried,Used as cable access to building and duct from outdoor to indoor,base station horizontal cabling.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant; Flame retardant (or non-flame retarding) characteristic meets the requirements of relevant standards. Soft, flexible, easy to lay and splice、and with big capacity data transmission.
Temperature	-40℃ ~ +70℃

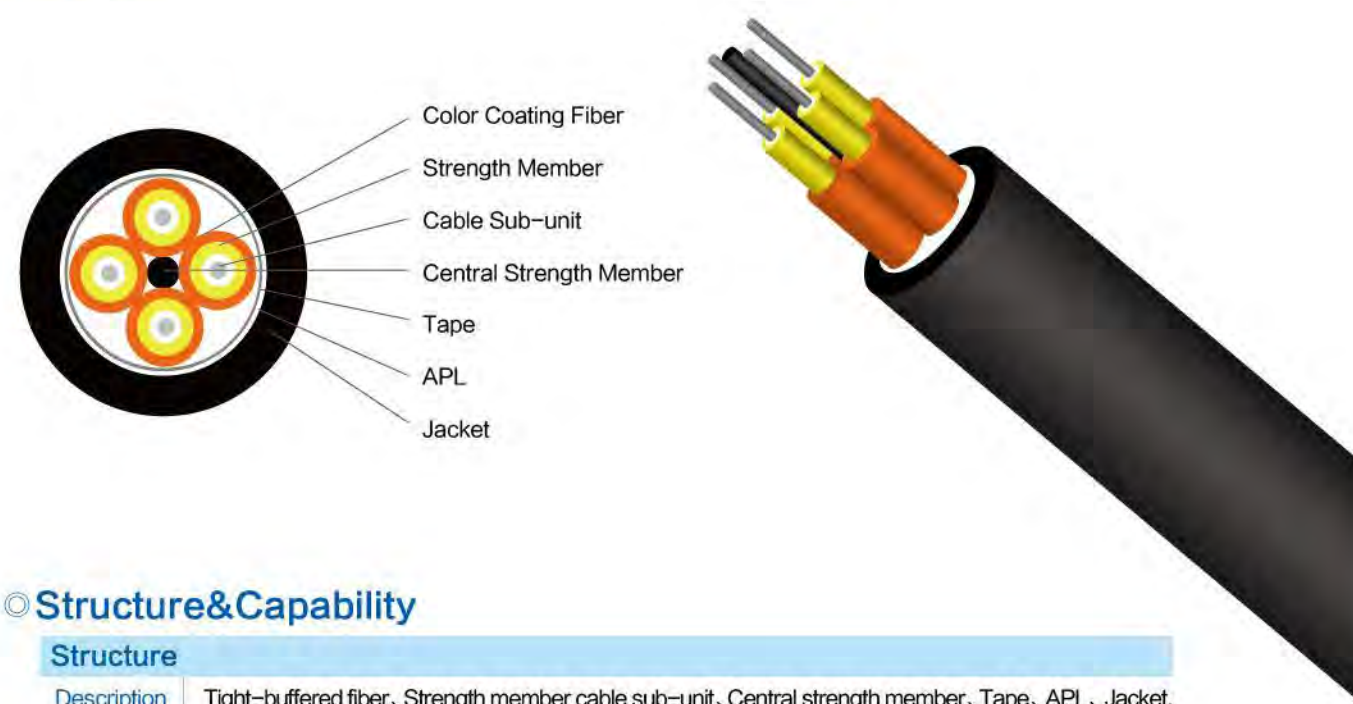
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~12	5.8	19	150	300	300	1000	10D	20D
24	6.8	28	150	300	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Tight-buffered fiber, Strength member cable sub-unit, Central strength member, Tape, APL, Jacket.
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	Strength member: Aramid yarn or other high strength yarn. Central strength member: FRP or steel wire.
Jacket	Materials: polyethylene (PE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used in optical connections in optical communication equipment rooms and Optical Distribution frame. Used For connection between outdoor trunk cable and CATV terminal equipment. Used for substation, power plant, converter station and other plant station protection channels and communication circuit.
Characteristic	Good mechanical and environmental performance. Good tensile and moisture barrier performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Soft, flexible, easy to lay and splice, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~4	9.5	55.0	300	600	300	1000	10D	20D
1~4	11.3	75.0	500	1000	500	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Tight-buffered fiber, Strength member, Inner jacket, ripcord, Corrugated Steel, Outer jacket
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH), polyethylene(PE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used in optical connection in optical communication equipment rooms and optical distribution frames. Used For connection between outdoor trunk cable and CATV terminal equipment. Used for substation, power plant, converter station and other plant station protection channels and communication circuit.
Characteristic	Good mechanical and environmental performance. Good tensile, crush and moisture barrier performance. Flame retardant (or non-flame retarding)characteristic meets the requirements of relevant standards. Soft, flexible, easy to lay and splice, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

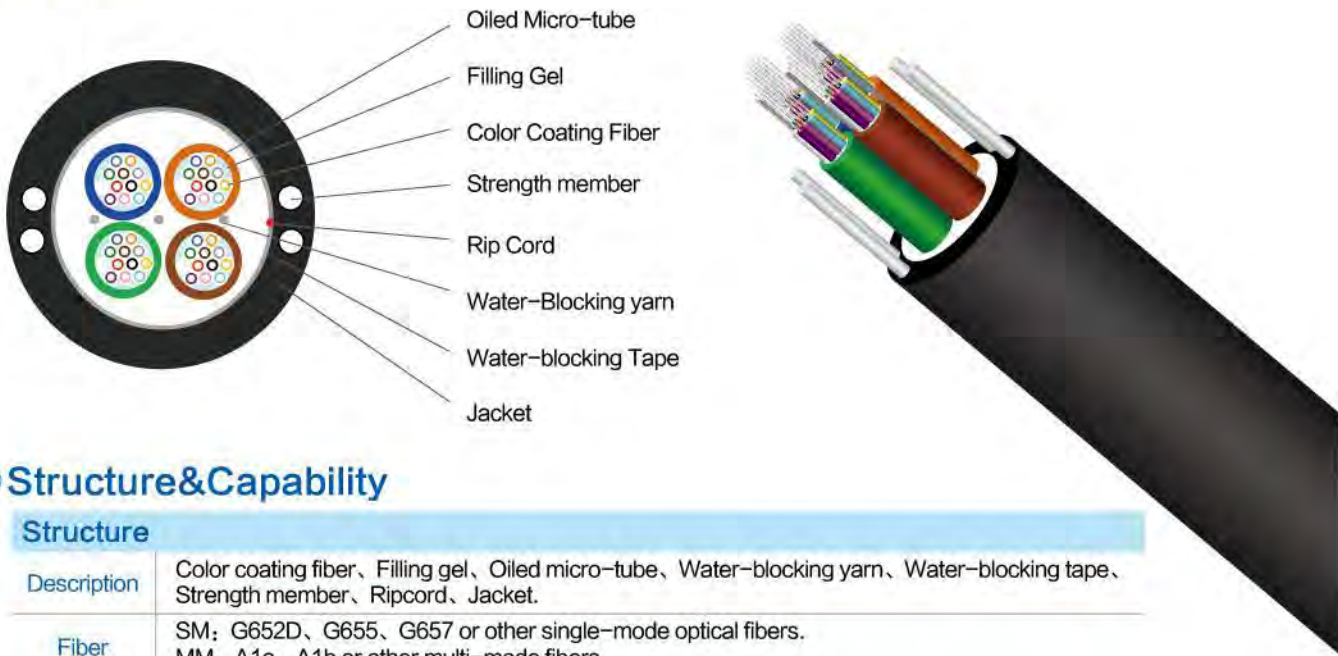
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
4	9.5	81.0	200	500	300	1000	10D	20D
6	10.2	95.0	200	500	300	1000	10D	20D
8	10.8	104.0	300	600	500	1500	10D	20D
12	11.5	112.0	400	800	500	1500	10D	20D
24	13.5	166.0	600	1000	500	1500	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color coating fiber, Filling gel, Oiled micro-tube, Water-blocking yarn, Water-blocking tape, Strength member, Ripcord, Jacket.
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Water-blocking Material	water-blocking tape, water-blocking yarn
Strength Member	FRP or other high strength members
Jacket	Materials: polyethylene (PE), low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color : Color as specified by standard or other color.

Features

Application	Suitable for outdoor self-supporting aerial. Used as access building cable in premises distribution system, Especially suitable for indoor vertical cabling. Used in access network or as cable Vertical cabling in customer premises network.
Characteristic	Good mechanical and environmental performance. Good tensile and moisture barrier performance. Optical fiber is easy to peel off without any tools. Small structure, light weight, and with big capacity data transmission.
Temperature	-20℃ ~ +60℃

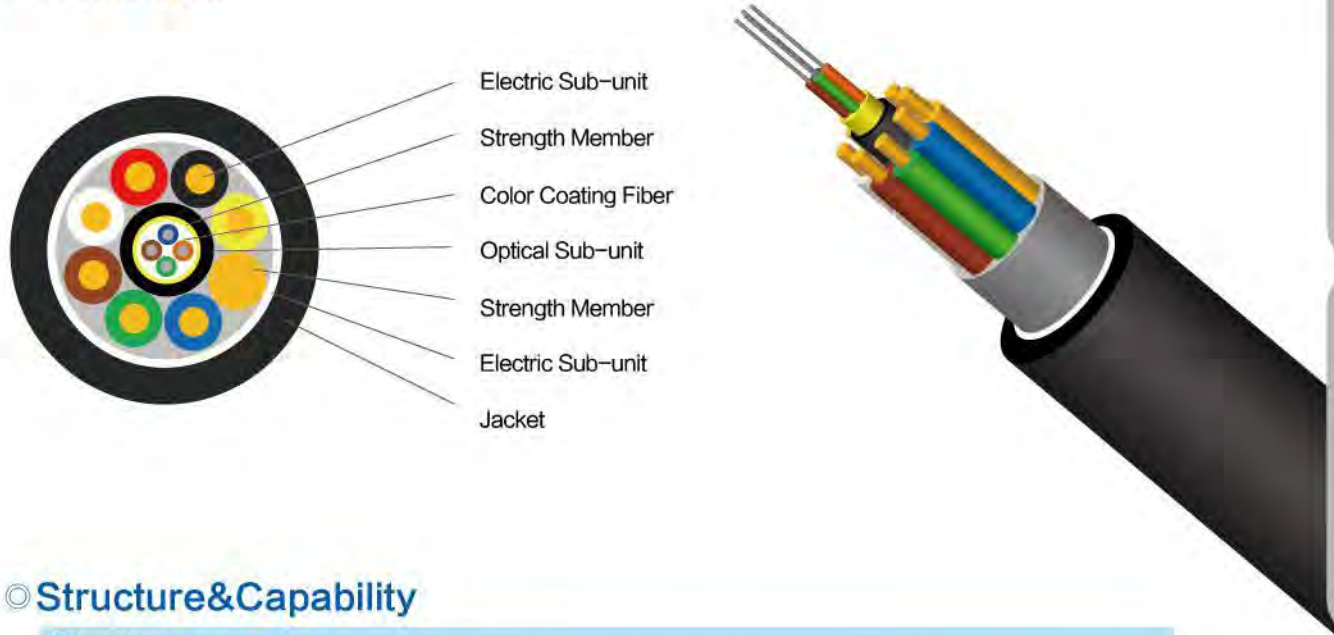
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
12	7.0	39.0	300	600	300	1000	12.5D	25D
24	8.0	47.0	300	600	300	1000	12.5D	25D
36	8.0	50.0	300	600	300	1000	12.5D	25D
48	9.0	58.0	300	600	300	1000	12.5D	25D
72	10.5	85.0	300	600	300	1000	12.5D	25D
96	11.5	95.0	300	600	300	1000	12.5D	25D
144	12.5	109.0	300	600	300	1000	12.5D	25D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color Coating Fiber, Electric unit, Optical unit, Strength Member, Jacket
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: Flame retardant polyvinyl chloride (PVC), low smoke halogen-free flame retardant polyolefin (LSZH), Thermoplastic polyurethane (TPU) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used as Fiber-Power hybrid access network cable for simultaneous transmission of optical and electrical signals or electrical energy. Short-range communication and communication equipment remote power supply.
Characteristic	Photoelectric integrated, Solving the problem of equipment electricity and transmission. Improving centralized monitoring and maintenance of equipment power. High quality fiber guarantees high broadband signal transmission. Small outer diameter of Jacket, light weight and small occupation space. Providing a variety of transmission technology at the same time, the same equipment with high adaptability, strong scalability, wide product adaptation.
Temperature	-20℃ ~ +60℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~4	4.0	19.0	200	400	1000	300	12.5D	25D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Color coating fiber, Optical unit, Electric unit, Strength Member, Shielding layer, Jacket
Fiber	SSM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: Flame retardant polyvinyl chloride (PVC), low smoke halogen-free flame retardant polyolefin (LSZH), polyurethane elastomer (TPU) or other materials. Color: Color as specified by standard or other color.

Features

Application	Used as Fiber-Power hybrid access network cable for simultaneous transmission of optical and electrical signals or electrical energy. Short-range communication and communication equipment remote power supply.
Characteristic	Photoelectric integrated, Solving the problem of equipment electricity and transmission. Improving centralized monitoring and maintenance of equipment power. High quality fiber guarantees high broadband signal transmission. Small outer diameter of Jacket, light weight and small occupation space. Providing a variety of transmission technology at the same time, the same equipment with high adaptability, strong scalability, wide product adaptation.
Temperature	-20℃ ~ +60℃

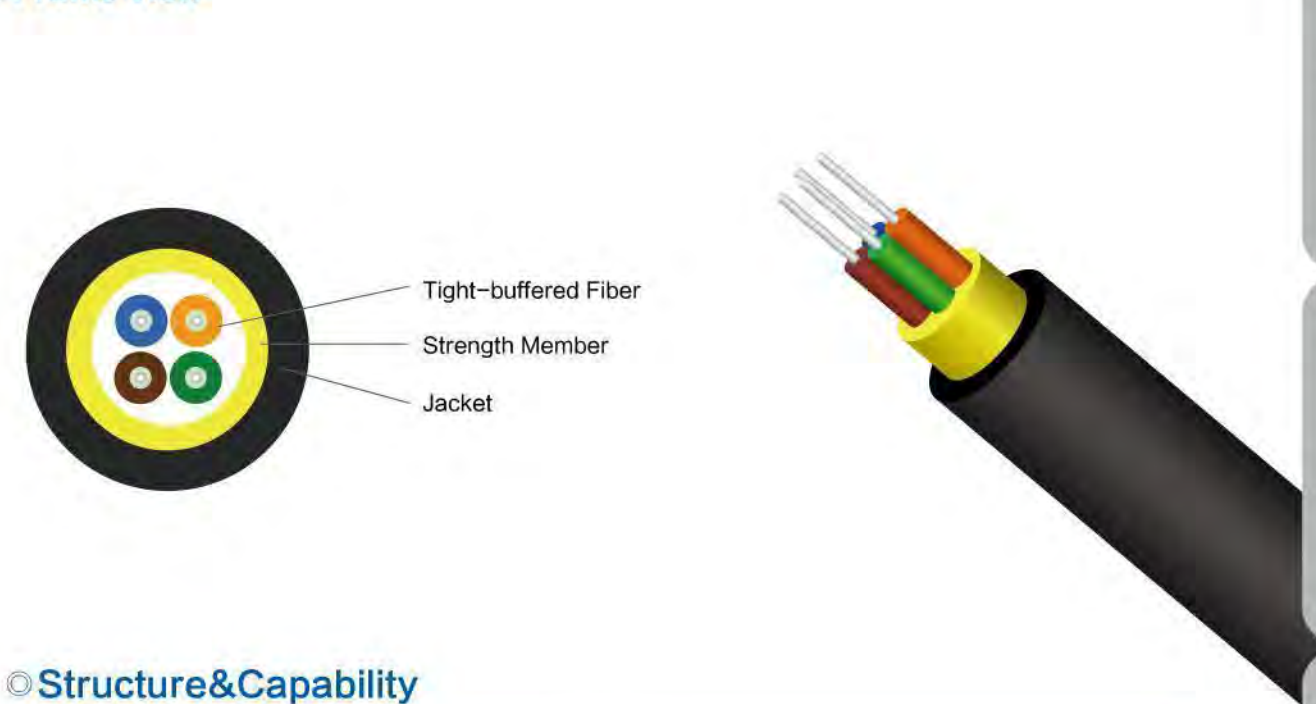
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~4	4.8	28.5	200	400	1000	300	12.5D	25D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Tight-buffered fiber, Strength Member, Jacket
Fiber	SM: G652D, G657 or other single-mode optical fibers.
Tight Buffer	Φ0.6mm, Φ0.9mm
Strength Member	Aramid yarn or other high strength yarn.
Jacket	Materials: Thermoplastic polyurethane (TPU). Color: Color as specified by standard or other color.

Features

Application	Suitable for military Field Communication system under the condition of fast cabling and repeated Recycling. Used in outside cabling. Used in poor condition outside cabling. Used in temporary cabling, meets the requirements of repeat cabling.
Characteristic	Fiber stranded with narrow pitch, Ensuring that the field cable has a large stretch window. Extremely high strength, light weight, high ratio of strength to weight. Easy to transport, easy to connect and easy to lay. Good softness, good friction resistance, can be used repeatedly.
Temperature	-20℃ ~ +60℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	3.0	8.5	200	400	300	1000	10D	20D
2~4	5.2	23.5	400	800	500	1500	10D	20D
6	5.8	28.0	400	800	500	1500	10D	20D
8	6.5	34.5	400	800	500	1500	10D	20D
12	7.0	41.5	500	1000	500	1500	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Tight-buffered fiber, Spiral armor, Strength member, Metal stranded wires, Web, Jacket
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Tight Buffer	Φ0.6mm
Spiral Armor	Φ1.2mm, Φ1.8mm
Strength Member	FRP or other steel wire
Messenger	Solid Steel wire or Stranded Steel wires.
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used in rodent active area outdoor aerial access. Used in rodent active area indoor cabling.
Characteristic	Good Anti-Rodent performance. Good crush performance.
Temperature	-40℃ ~ +60℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	3.0×2.4	28.0	300	600	1000	2000	10D	20D
2	3.5×2.4	34.0	300	600	1000	2000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Colored Coating Fiber, Filling Gel, Loose Tube, Inner Jacket, Strength Member, Outer Jacket.
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Strength Member	Glass Yarn
Inner, outer Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.

Features

Application	Used in rodent active area outdoor access. Used in rodent active area as cable for access network.
Characteristic	Double-layer protection, good anti-Rodent performance. All-dielectric structure, lightning protection.
Temperature	-40℃ ~ +85℃

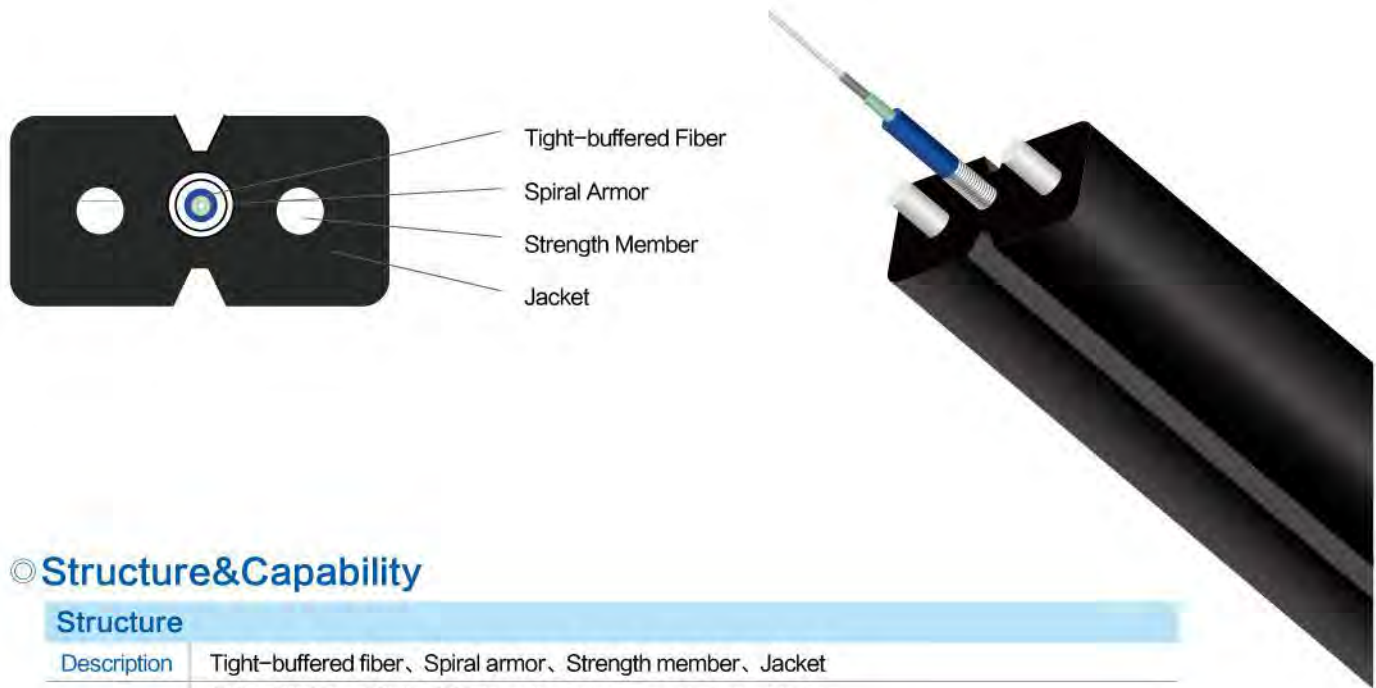
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~24	7.3	58.0	300	600	1000	2200	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure								
Description	Tight-buffered fiber、Spiral armor、Strength member、Jacket							
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.							
Tight Buffer	Φ0.6mm、Φ0.7mm、Φ0.9mm							
Spiral Armor	Φ1.2mm、Φ1.8mm							
Strength Member	FRP or steel wire.							
Jacket	Materials: low smoke halogen-free flame retardant polyolefin (LSZH) or other materials. Color : Color as specified by standard or other color.							
Features								
Application	Used in rodent active area FTTH. Used in rodent active area indoor cabling.							
Characteristic	Good Anti-Rodent performance. Good crush performance. Good mechanical and environmental performance.							
Temperature	-40℃ ~ +60℃							
Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	3.5×2.5	18.0	40(100)	80(200)	1000	2200	10D	20D
2	4.2×3.0	24.0	40(100)	80(200)	1000	2200	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



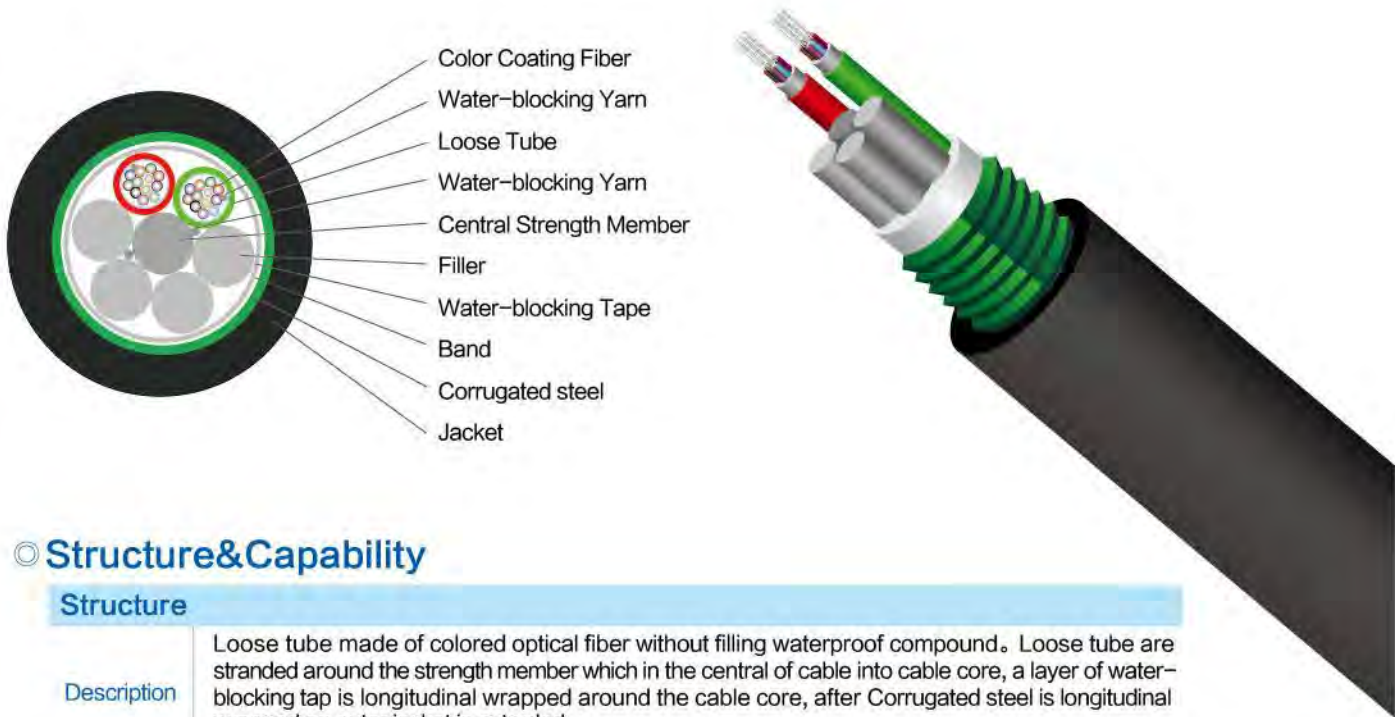
◎ Structure&Capability

Structure								
Description	Loose tubes made of color coating fibers and filled with waterproof compounds.Loose tube are stranded around the strength member which in the central of cable into cable core, a layer of water-blocking tap is longitudinal wrapped around the cable core, and then an outer jacket is extruded.							
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.							
Jacket	Materials: polyethylene (PE),low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other material. Color: black or other colors.							
Features								
Application	Can be used in Duct,Non-self-supporting aerial.							
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant . All-dielectric structure has strong ability to resist electromagnetic interference. Small structure,light weight, easy to lay, saving precious duct resources.							
Temperature	-40℃ ~ +70℃							
Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2~60	9.3	73	600	1500	300	1000	10D	20D
72	10.3	94	600	1500	300	1000	10D	20D
96	11.0	102	600	1500	300	1000	10D	20D
144	13.5	158	600	1500	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Loose tube made of colored optical fiber without filling waterproof compound. Loose tube are stranded around the strength member which in the central of cable into cable core, a layer of water-blocking tap is longitudinal wrapped around the cable core, after Corrugated steel is longitudinal wrapped,an outer jacket is extruded.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b Or other multi-mode fibers.
Jacket	Materials: polyethylene (PE), low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color: black or other agreed color.

Features

Application	Suitable to direct bury. Suitable for duct.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant . Crush resistance and moisture barrier. Easy for construction, convenient for cable splicing.
Temperature	-40℃ ~ +70℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~36	11.0	93	600	1500	300	1000	10D	20D
48~72	12.8	134	600	1500	300	1000	10D	20D
96	14.8	176	600	1500	300	1000	10D	20D
144	19.2	279	600	1500	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Loose tube made of color coating fibers and filled with waterproof compounds.Loose tube stranded around the strength member which in the central of cable into cable core,a layer of water-blocking tape is longitudinal wrapped around the cable core,after APL longitudinal wrapped, an inner PE jacket extruded,then,after corrugated steel is longitudinal wrapped,then an outer jacket extruded.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials:polyethylene(PE),low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color: black or other colors.

Features

Application	Suitable to direct bury. Suitable for duct.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant . Crush resistance and Flexibility. Various measures to ensure the cable watertight.
Temperature	-40℃ ~ +70℃

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2~60	13.2	178	600	3000	1000	1000	10D	20D
72	14.6	198	600	3000	1000	1000	10D	20D
96	15.3	223	600	3000	1000	1000	10D	20D
144	18.0	301	600	3000	1000	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Loose tube made of color coating fibers and filled with waterproof compounds. After a layer of corrugated Steel longitudinal wrapped outside the Loose tube,then an outer jacket extruded.Two parallel metal Strength members embedded in the Jacket.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials: polyethylene (PE), flame-retardant polyethylene (ZRPE) or other materials. Color: black or other colors.

Features	
Application	Suitable to direct bury. Suitable for duct. Non-self-supporting aerial.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant . Crush resistance and moisture barrier. Small structure, light weight, good tensile performance.
Temperature	-40℃ ~ +70℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2~12	8.0	55.0	600	1500	300	1000	10D	20D
16	9.0	70.0	600	1500	300	1000	10D	20D
24	10.0	85.0	600	1500	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Loose tube made of color coating fibers and filled with waterproof compounds. Strength Member such as aramid yarn or glass yarn coated evenly outside the loose tube,after a layer corrugated Steel longitudinal wrapped,then an outer jacket extruded.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials: polyethylene (PE), flame-retardant polyethylene (ZRPE) or other materials. Color: black or other colors.

Features	
Application	Suitable for duct.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant . Crush resistance and moisture barrier. Small structure,light weight, easy to lay, saving precious duct resources.
Temperature	-40℃ ~ +70℃

Parameter								
Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~12	7.8	71.5	130	440	300	1000	10D	20D
24	8.8	81.0	200	660	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Loose tube made of color coating fibers and filled with waterproof compounds.A layer of outer Jacket extruded outside the loose tube.Two parallel metal Strength members embedded in the Jacket.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials: polyethylene (PE), flame-retardant polyethylene (ZRPE) or other materials. Color: black or other colors.

Features	
Application	Suitable for duct.Non-self-supporting aerial.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant . Small structure, light weight, good tensile performance.
Temperature	-40℃ ~ +70℃

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
2~12	6.0	37.0	600	1500	300	1000	10D	20D
16	7.0	52.0	600	1500	300	1000	10D	20D
24	7.5	65.0	600	1500	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure	
Description	Loose tube made of color coating fibers and filled with waterproof compounds.Loose tube stranded around the strength member which in the central of cable into cable core,a layer of water-blocking tape is longitudinal wrapped around the cable core.After corrugated Steel longitudinal wrapped,A layer of outer Jacket extruded with the self-supporting Strength member.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials:polyethylene(PE),low smoke halogen-free flame retardant polyolefin (LSZH),flame-retardant polyethylene (ZRPE) or other materials. Color: black or other colors.

Features	
Application	Suitable for self-supporting aerial
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant . Strong tensile performance, adapting to all kinds of bad weather. Easy construction and low installation cost.
Temperature	-40℃ ~ +70℃

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1-72	4.7+11.5	164.0	600	1500	300	1000	10D	20D
73-96	5.5+12.5	195.0	1000	3000	1000	3000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension,or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Loose tube made of color coating fibers and filled with waterproof compounds. A layer of outer Jacket extruded outside the loose tube. Two parallel non-metallic strength member embedded on both sides of the loose tube.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials: polyethylene (PE), low smoke halogen-free flame retardant polyolefin (LSZH), flame-retardant polyethylene (ZRPE) or other materials. Color: black or other colors.

Features

Application	Suitable for duct, non-self-supporting aerial.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant. Small structure, light weight, good tensile and crush performance.
Temperature	-40℃ ~ +70℃

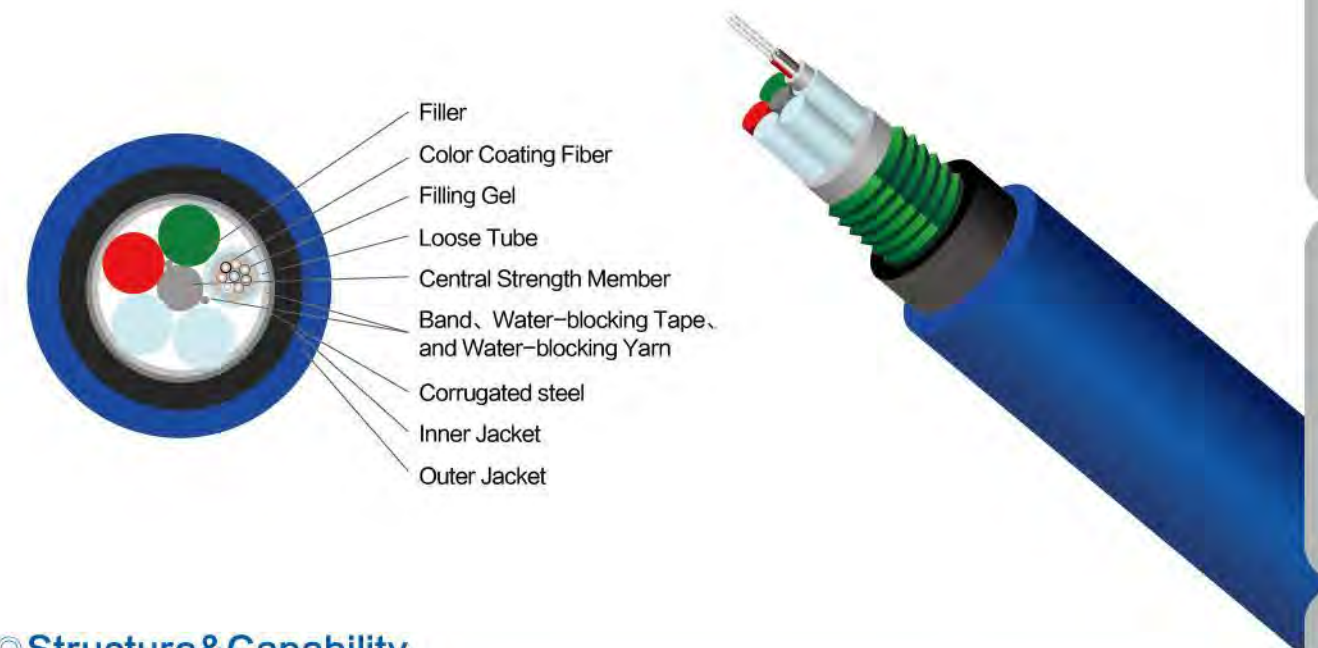
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~12	7.8×4.5	40.0	600	1500	300	1000	12.5H	25H
16	9.5×5.0	60.0	1000	3000	1000	3000	12.5H	25H
24	10.2×5.5	70.0	1000	3000	1000	3000	12.5H	25H

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Loose tube made of color coating fibers and filled with waterproof compounds. Loose tube stranded around the strength member which in the central of cable into cable core, a layer of water-blocking tape longitudinal wrapped around the cable core, after Corrugated steel longitudinal wrapped, an inner PE jacket extruded, then pvc outer jacket extruded.
Fiber	SM: G652D、G655、G657 or other single-mode optical fibers. MM: A1a、A1b or other multi-mode fibers.
Jacket	Materials: flame-retardant polyvinyl chloride (PVC), polyethylene (PE) or other materials. Color: blue or other colors.

Features

Application	Suitable for Mine. Used for shaft and roadway of tunnel.
Characteristic	Good mechanical and environmental performance. High strength loose tube that is hydrolysis resistant. Good tensile and crush performance. Good flame-retardant and rodent resistance performance.
Temperature	-40℃ ~ +70℃

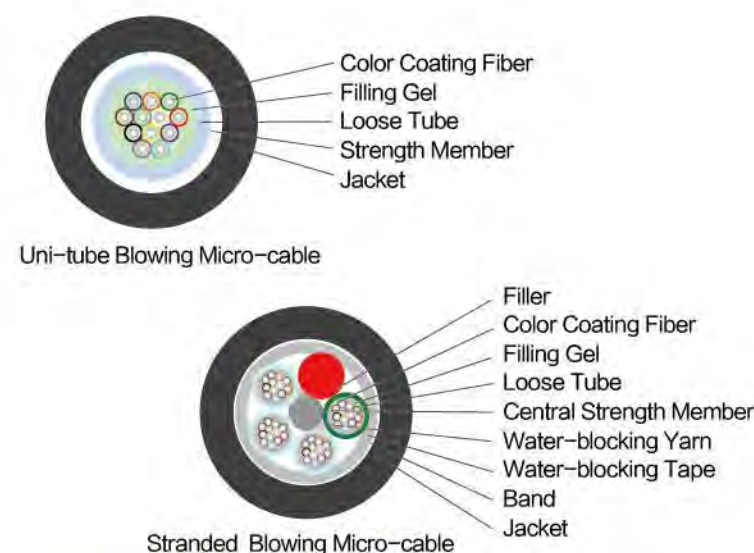
Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~60	11.8	130	600	1500	300	1000	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Loose tube made of color coating fibers and filled with waterproof compounds. Loose tube stranded around the non-metallic strength member which in the central of cable into cable core. The gap in the cable core is filled with water-blocking filling compound. a layer of water-blocking tape is longitudinal wrapped around the cable core, then a layer of jacket extruded.
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Jacket	Material: high Density polyethylene (HDPE), PA or other materials. Color: black or other colors.

Features

Application	Suitable for duct blowing laying, suitable for application in backbone network, metropolitan area network and access network.
Characteristic	Light weight, small friction, moderate hardness, suitable for blowing laying. The tension of the cable is more uniform and smaller during the laying process, which avoids the secondary damage of the cable. The laying process is simplified, the laying speed of cable is fast, the span is long, and the laying cost is greatly reduced. The laying distance is long, the intermediate joint is reduced, and the loss is reduced. Can be blown into the cable in batches with the increase of communication traffic, reduce the high cost of multiple destructive excavations. Cables can be blown out to facilitate the replacement of new ones to maintain the technical lead.
Temperature	-40°C ~ +70°C

Parameter

Fiber Count	Cable Dimension (mm)	Cable Weight (kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1~6	2.5	5.5	0.15G	0.5G	150	450	10D	20D
7~12	3.0	7.5	0.15G	0.5G	150	450	10D	20D
13~24	4.0	14.5	0.15G	0.5G	150	450	10D	20D
1~36	5.5	28.5	40.0	140.0	150	450	10D	20D
36~72	6.0	36.0	54.0	180.0	150	450	10D	20D

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.

◎ Profile View



◎ Structure&Capability

Structure

Description	Actual situation of overhead power line is taken full consideration when ADSS cable is being designed, Suitable for different grade overhead power line. Polyethylene (PE) can be used for power lines with space potential not greater than 12KV. For overhead power lines above 110KV (or space potential greater than 12KV), the cable hanging point must be determined by calculating the distribution of electric field intensity, and electrical resistance (AT) jacket is applied. The dedicated design of aramid quality and stranding process can satisfy the demand on various spans.
Fiber	SM: G652D, G655, G657 or other single-mode optical fibers. MM: A1a, A1b or other multi-mode fibers.
Jacket	Materials: electrical indentation (ATT), flame retardant polyethylene (ZRPE) or other materials. Color: black or other colors.

Features

Application	Suitable for non-self-supporting aerial of power line.
Characteristic	Can be installed without shutting off the power; good AT performance, Good electrocorrosion performance. Light weight and small diameter reducing the load caused by ice and wind and the load on tower and back props. Large span, span up to 500 meters; Aramid Yarn Armored process with Precision Control, The tensile ability of the cable is greatly improved. The precise control of fiber residual length and cable stranded pitch ensures the good performance of tensile strength and temperature. The design life span is 30 years.
Temperature	-40°C ~ +70°C

Applicable meteorological conditions

Meteorological Region	Wind Speed (m/s)	Icing(mm)	Extra load(N/m)
A/B/C/D	25/35/10/10	0/0/5/10	0.7/0.7/2.5/4.4

The structure can be designed according to other meteorological conditions required by the user to adapt to the actual situation of the line.

Parameter

Fiber Count	Cable Dimension (mm)	Annual Average Operating Tension EDS(KN)	Maximum Allowable Working Tension MOT(KN)	Break(ing) Strength RTS(KN)	Coefficient Of Linear Expansion (X10-6/K)	Suitable Span(m)(corresponding to meteorological conditions)			
						A	B	C	D
1-36	11.2	1.25	2	5	3.17	120	120	120	120
36-72	11.8	1.25	2.0	5	3.09	110	110	110	110
72-96	13.2	1.95	2.6	7.8	2.97	110	110	110	110
96-144	15.9	3.0	3.5	12.2	2.52	110	110	110	110
1-24	11.3	2.0	3.2	8.0	2.37	220	220	220	220
1-24	11.5	2.8	4.4	11.1	1.87	310	310	310	310
1-24	11.7	4.45	6.5	17.8	1.23	450	450	450	450
1-24	11.9	5.4	8.0	21.6	1.03	560	560	560	560

This table only lists part of the core number and space, can be customized according to customer requirements for meteorological design. This table lists 1.5% installation sag without height difference. GYD reserves the right to revise, change and perfect the parameters in the table.

◎ Options

- Cable Dimension: The nominal cable dimension, or other customized dimension;
- Delivery Length: 1.0km or 2.0km, or other customized length;
- Other requirements: Other customized special request.



SC/UPC Pigtail

SC/UPC Pigtail : APPLICATIONSTelecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃



FC/UPC Pigtail

APPLICATIONS: Telecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃



LC/UPC Pigtail

APPLICATIONS: Telecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃



ST/UPC Pigtail

APPLICATIONS: Telecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃



FC/UPC-ST/UPC Fiber Optic Patch Cord

APPLICATIONS: Telecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃



SC/UPC-LC/UPC Fiber Optic Patch Cord

APPLICATIONS: Telecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃



ST/UPC-LC/UPC Fiber Optic Patch Cord

APPLICATIONS: Telecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃



SC/UPC Fiber Optic Patch Cord

APPLICATIONS: Telecommunications, Optic fiber sensors, Testing instruments, LAN, FTTH.
FEATURES: Low Insertion tolerance Easy to handle Stable environment
SPECHIFICATIONS: Return Loss PC≥45dB, APC>60dB
Insertion Loss <0.3dB
Industry Standard: TA-NWT-001209
Opertions Temperature: -40℃~85℃
Storage Temperature: -50℃~85℃