

CABLE

Contents

The Product Orders a Guide

BRAND COOPERATION INNOVATION	01
Simplex Round Indoor Cable — A001	03
Duplex Flat Indoor Cable I — A002	04
Duplex Flat Indoor Cable II — A003	05
Duplex Round Indoor Cable I — A004	06
Duplex Round Indoor Cable II — A005	07
Multi-fiber Distribution Indoor Cable I — A006	08
Multi-fiber Distribution Indoor Cable II — A007	09
Multi-fiber Breakout Indoor Cable I — A008	10
Multi-fiber Breakout Indoor Cable II — A009	11
Cabling Cable I — A010	12
Cabling Cable II — A011	13
Dry Structure Cable I — A012	14
Dry Structure Cable II — A013	15
Dry Structure Cable III — A014	16
Dry Structure Cabling Cable IV — A015	17
Bow-type Drop Cable I — B001	18
Bow-type Drop Cable II — B002	19
Bow-type Drop Optical Fiber Ribbon Cable — B003	20
Self-supporting Bow-type Drop Cable I — B004	21
Self-supporting Bow-type Drop Cable II — B005	22
Armour Bow-type Drop Cable — B006	23
Loose Tube cable I — B007	24
Loose Tube Cable II — B008	25
Duplex Round Far Transmission Cable I — C001	26
Duplex Round Far Transmission Cable II — C002	27
Duplex Round Far Transmission Cable III — C003	28
Waterproof Pigtail Cable I — D001	29
Waterproof Pigtail Cable II — D002	30
Optical Fiber Cable Used For Field Opeartion — E001	31
Round Tube — K001	32
Stranded Loose Tube Light-armored Cable — TS	33
Stranded Loose Tube Armored Cable — TA53	35
Unitube Light-armored Cable — TXW	37
Figure 8 Cable — TC8A	39
Stranded Loose Tube Non-metallic Strength Member LIGHT armored Cable — FTA	41
All Dielectric Self-supporting Aerial Cable — ADSS	43
Optical Patch Cord Series	45
Adaptor Series	49

Product classification code name indoor cable

Product classification code name is use one English capital letter to indicate that , among them:

A---The terminal optical cable module and building arrangement of wire use optical cable B---Switch in net optical cable
C---Base stand optical cable D---The tail cables water proofing E---Field operations optical cable K---Hollow casing pipe
P---Patch Cord L---Pigtail T---Adaptor

Product array number

The product array number is used in explaining concrete product structure , uses three-position Arabic numeral to indicate that. Such as: 001 , 002, And so on

Outer door cable

TS---Application: Duct / Aerial
TA53---Application: Duct / Aerial / Direct buried
XTW---Application: Duct / Aerial
TC8A---Self-supporting Aerial Cable
TFTA---Application: Duct / Aerial
ADSS---Self-supporting Aerial Cable

Patch Cord

e.g : P-SM SC/UPC-SC/UPC

Pigtail

e.g : L- SM FC/APC

Adaptor

e.g : T-SM LC/UPC-SC/APC

Note: The length of patch cord and pigtail can be made according to the customers' needs.

The product serial number is not the optical cord standard type.

The consumer is custom-made

In order to convenience of customers, use but work out the product serial number, be difficult to reflect all concrete product information, therefore, consumer unfinished products orders or the technology exchanges time, need the product information providing , should provide once content except that the product name or the product is numbered:

- 1、product use;
- 2、The core counts fibre-optical;
- 3、The product forms mark of used material type respectively;
- 4、The product forms mark of geometric dimension parameter respectively;
- 5、The product function index demands;
- 6、Product delivery length;
- 7、Demand other specially;

PS: The product serial number is not the optical cable standard type;



BRAND COOPERATION INNOVATION

The area is adjacent to Shanghai on the north, and rests on the world-famous deepwater Ningbo port on the east, which enables convenient transportation and forms excellent geographical conditions. The company is a high-and-new-technology enterprise organized under modern enterprise system, and complete varieties of optical fiber products and advanced manufacturing technology makes the company a scale-level manufacturing base of optical cable.

Along with the introduction of modernized techniques and equipments, the company further introduces modern quality management systems, which guarantees the quality warranty in every processing stage. The company strictly operates in accordance with the international quality management standard of ISO9002:2000 to warrant the quality and increase the efficiency throughout the whole course of the product design, manufacturing, inspection and after-sale service.

The key products of the company include: various outdoor optical cables, mine-use optical cables, overall-distribution cables, FTTH cables , optical patch cords and optical patch accessories, etc.

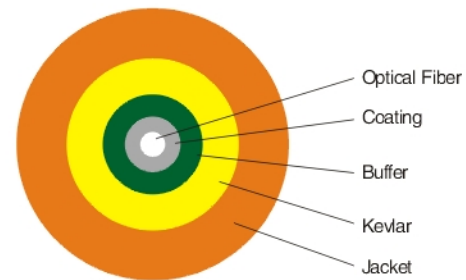
The company holds the enterprise spirit of "Standing Together Through Storm and Stress, Working and Fighting in the Business Competition", puts customers in priority, consistently makes technical innovation, conducts research and development positively, continually optimizes product structure and controls product quality strictly to provide more and better products to customers. Our products are very competitive in international market and win high opinions from customers.

The company hopes to establish cooperation relationships with domestic and foreign enterprises on the basis of mutual benefit and double-win to go forward together for a splendid and prosperous future!

CABLE

Simplex Round Indoor Cable — A001

Profile View



Simplex Round Indoor Cable

Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used in optical connections in optical apparatus and equipments.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meets the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
1	1.6	2.2	40	80	100	500	50	30	-20~+60
1	1.8	3.0	40	80	100	500	50	30	
1	2.0	3.6	60	100	100	500	50	30	
1	2.4	5.0	60	100	100	500	50	30	
1	2.8	6.5	80	150	100	500	60	30	
1	3.0	7.4	80	150	100	500	60	30	

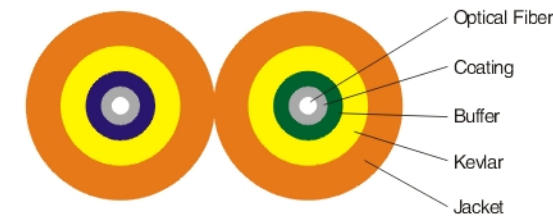
Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The minimum bend radius(static) is 15mm when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or OM4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplatic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Duplex Flat Indoor Cable I — A002

Profile View



Duplex Flat Indoor Cable I

Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames, and optical apparatus connectors;
- Used in indoor cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	1.6x3.3	4.4	60	120	200	1000	50	30	-20~+60
2	1.8x3.7	6.0	60	120	200	1000	50	30	
2	2.0x4.1	7.2	90	150	200	1000	50	30	
2	2.4x4.9	10.0	90	150	200	1000	50	30	
2	2.8x5.7	13.0	160	300	200	1000	60	30	
2	3.0x6.1	14.8	160	300	200	1000	60	30	

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The minimum bend radius(static) is 15mm when G.657 fiber is used.

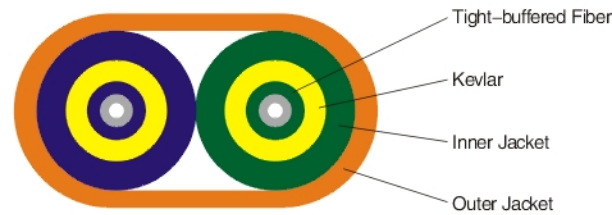
Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Duplex Flat Indoor Cable II — A003

Profile View



Duplex Flat Indoor Cable II

Application

- Used in indoor cabling, especially in poor laying conditions;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used as pigtails and patch cords.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and customers.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	2.8x4.8	13.1	100	200	300	1000	60	30	-20~+60
2	3.0x5.0	14.8	100	200	300	1000	60	30	
2	4.0x7.0	25.6	160	300	300	1000	80	40	

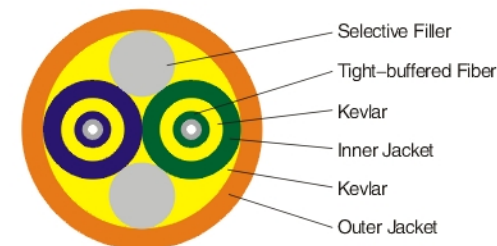
Note: ①All the values in the table, which are for reference only, are subject to change without notice;
②The minimum bend radius(static) is 15mm when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or OM4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Duplex Round Indoor Cable I — A004

Profile View



Duplex Round Indoor Cable II

Application

- Used in indoor cabling, especially in poor laying conditions;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used as pigtails and patch cords.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	6.0	33.5	200	400	300	1000	20D	10D	-20~+60
2	8.0	52.0	250	500	300	1000			

Note: ①All the values in the table, which are for reference only, are subject to change without notice;
②D is outer diameter of the round cable;
③The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

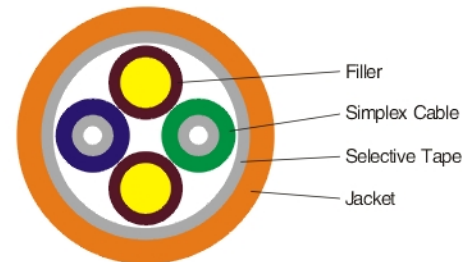
- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or OM4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplatic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Duplex Round Indoor Cable II — A005

Multi-fiber Distribution Indoor Cable I — A006

Profile View



Duplex Round Indoor Cable II

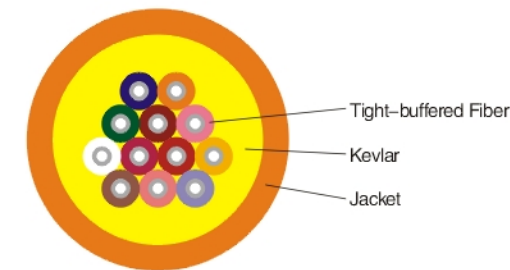
Application

- Used in indoor cabling, especially in poor laying conditions;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used as pigtails and patch cords.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Profile View



Multi-fiber Distribution Indoor Cable I

Application

- Used in indoor cabling, especially used as distribution cable;
- Used as interconnect lines of equipments, and used in optical connections in optical communication equipment rooms and distribution frames;
- Used as pigtails and patch cords.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	7.0(without tape)	37.2	150	300	300	1000	20D	10D	-20~+60
2	9.5(without tape)	61.4	250	500	300	1000			
2	7.5(with tape)	38.3	150	300	300	1000			
2	10.0(with tape)	63.8	250	500	300	1000			

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② D is outer diameter of the round cable;
③ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652, G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or OM4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplastic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
4	5.0	19.0	130	440	200	1000	20D	10D	-20~+60
6	5.2	23.0	130	440	200	1000			
8	5.5	26.0	130	440	200	1000			
12	6.5	36.5	200	660	200	1000			
16	7.5	44.5	200	660	200	1000			
24	8.2	54.5	200	660	200	1000			
36	9.0	72.0	200	660	200	1000			
48	10.5	90.0	200	660	200	1000			

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are in accordance with the tight-buffered fiber of 0.9mm outer diameter;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

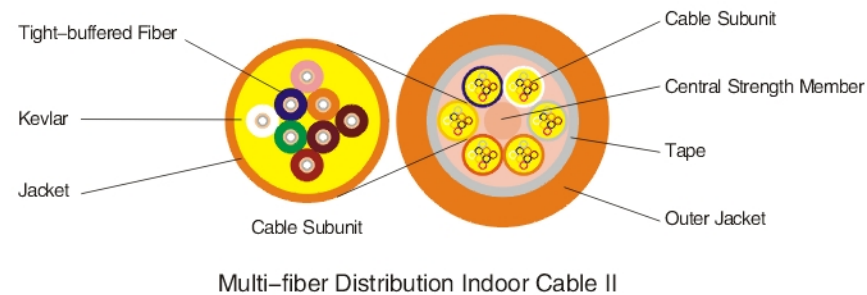
- Fiber Type: G.652, G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or OM4 multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplastic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Multi-fiber Distribution Indoor Cable II — A007

Multi-fiber Breakout Indoor Cable I — A008

Profile View



Multi-fiber Distribution Indoor Cable II

Application

- Used in indoor cabling, especially used as distribution cable.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

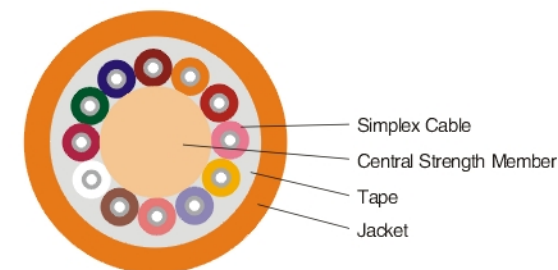
Fiber Count	Subunit Count	Fiber Count in Each Unit	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(Mm)		Range of Temperature(°C)
					Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
16	4	4	12.5	125	400	1320	300	1000	20D	10D	-20~+60
24	6	4	15.0	183	400	1320	300	1000			
36	6	6	17.0	238	400	1320	300	1000			
48	6	8	18.5	292	400	1320	300	1000			
64	8	8	22.0	410	400	1320	300	1000			
72	6	12	22.5	390	400	1320	300	1000			
96	8	12	25.5	546	600	1500	300	1000			
144	12	12	35.5	1004	800	2000	300	1000			

- Note:
- ⊙All the values in the table, which are for reference only, are subject to change without notice;
 - ⊙The cable dimension and weight are in accordance with the tight-buffered fiber of 0.9mm outer diameter;
 - ⊙D is outer diameter of the round cable;
 - ⊙The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplastic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Profile View



Multi-fiber Breakout Indoor Cable I

Application

- Used in indoor cabling, especially used as breakout cable;
- Used as access building cable;
- Used as interconnect lines of equipments, and used in optical connections in optical communication equipment rooms and distribution frames;
- Used as pigtails and patch cords.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
4	7.5	45	200	400	300	1000	20D	10D	-20~+60
6	8.5	60	250	600	300	1000			
8	10.0	91	300	800	300	1000			
12	12.5	145	400	1000	300	1000			

- Note:
- ⊙All the values in the table, which are for reference only, are subject to change without notice;
 - ⊙The cable dimension and weight are subject to simplex cable of 2.0mm outer diameter;
 - ⊙D is outer diameter of the round cable;
 - ⊙The minimum bend radius(static) is 5D when G.657 fiber is used.

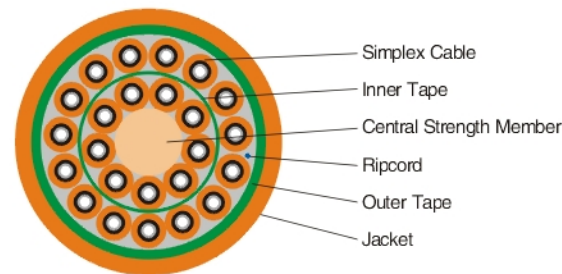
Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplastic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Multi-fiber Breakout Indoor Cable II — A009

Profile View



Multi-fiber Breakout Indoor Cable II

Application

- Used in indoor cabling, especially used as breakout cable;
- Used as access building cable;
- Used as interconnect lines of equipments, and used in optical connections in optical communication equipment rooms and distribution frames;
- Used as pigtails and patch cords.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
16	12.0	120	500	1500	300	1000	20D	10D	-20~+60
24	15.0	178	800	2200	300	1000			
36	17.5	200	1000	3000	300	1000			
48	20.0	247	1500	4000	300	1000			

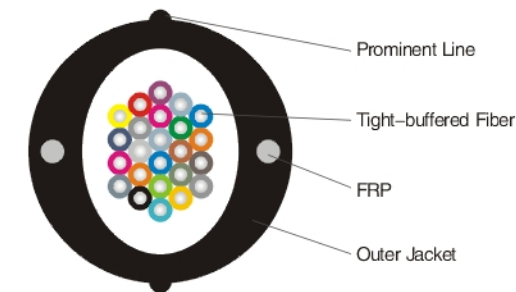
Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are subject to simplex cable of 2.0mm outer diameter;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplatic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Cabling Cable I — A010

Profile View



Cabling Cable I

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Good mechanical and environmental characteristics, convenient for achieving the branch optical line in cabling.
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
12	8.5	62	100	200	300	1000	20D	10D	-20~+60
24	10.5	80	100	200	300	1000			
36	11.5	90	100	200	300	1000			
48	12.5	100	100	200	300	1000			

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are in accordance with the tight-buffered fiber of 0.9mm outer diameter;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

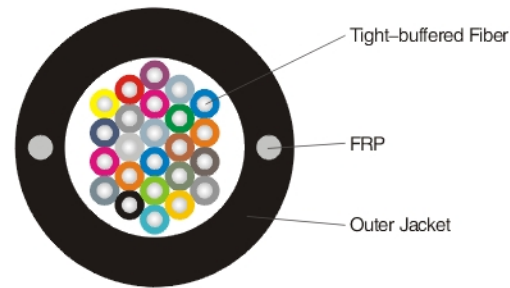
Options

- Fiber Type: G.652D or G.657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: environmental low smoke zero halogen flame retardant polyolefin(LSZH)
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Cabling Cable II — A011

Profile View



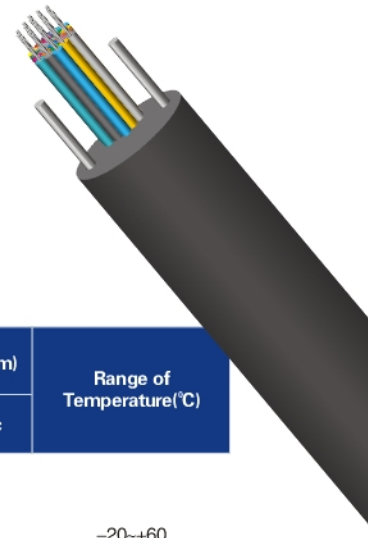
Cabling Cable II

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Good mechanical and environmental characteristics, convenient for achieving the branch optical line in cabling.
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.



Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
12	9.7	88	100	200	300	1000	20D	10D	-20~+60
24	11.5	113	100	200	300	1000			
36	12.5	129	100	200	300	1000			
48	13.5	145	100	200	300	1000			

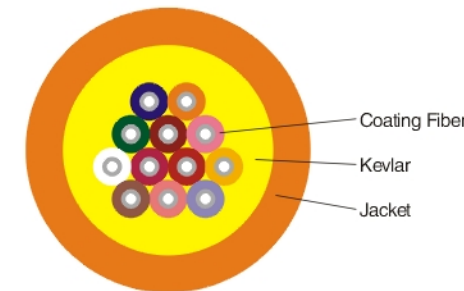
Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are in accordance with the tight-buffered fiber of 0.9mm outer diameter;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652D or G.657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: environmental low smoke zero halogen flame retardant polyolefin(LSZH)
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Dry Structure Cable I — A012

Profile View



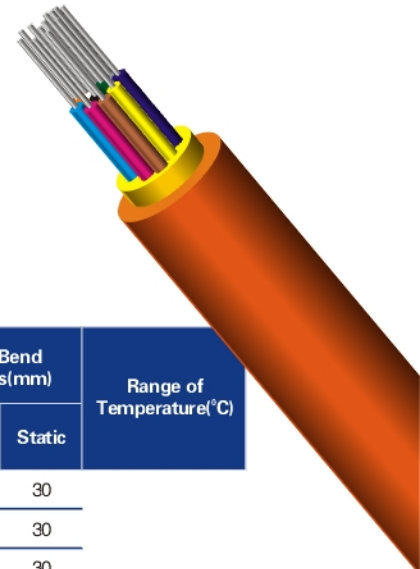
Dry Structure Cable I

Application

- Used in indoor cabling;
- Used as access building cable;
- Used as interconnect lines of equipments, and used in optical connections in optical communication rooms and optical distribution frames;
- Used as pigtails and patch cords.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.



Cable Parameters

Fiber Count	Cable Dimension (mm)		Cable Weight (kg/km)		Tensile (N)		Crush (N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
	250 μ m Coating Layer	450 μ m Coating Layer	250 μ m Coating Layer	450 μ m Coating Layer	Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
1	2.0	2.0	3.5	3.6	40	80	100	500	50	30	-20~+60
2	2.0	2.0	3.7	3.8	40	80	100	500	50	30	
4	2.0	2.4	3.9	5.2	40	80	100	500	50	30	
6	2.4	3.5	5.2	10.2	60	100	100	500	60	30	
8	2.8	4.0	7.4	12.4	60	100	100	500	60	30	
12	3.0	4.5	8.2	14.4	60	100	100	500	60	30	

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable core use the coating fiber of 250 μ m or 450 μ m;
③ The minimum bend radius(static) is 15mm when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplastic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

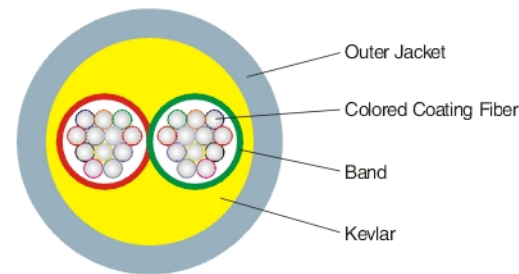
Dry Structure Cable II —

A013

Dry Structure Cable III —

A014

Profile View



Dry Structure Cable II

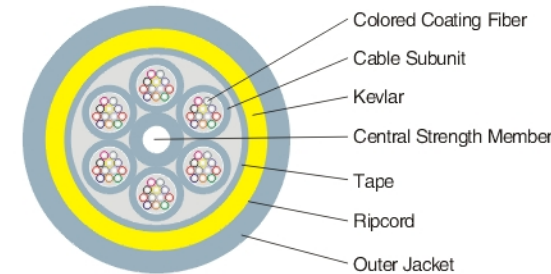
Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Profile View



Dry Structure Cable III

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Small size, light weight and compact structure
- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
12	3.0	7.1	100	200	100	500	20D	10D	-40~+70
24	4.0	8.5	150	300	100	500			
48	4.8	10.5	200	400	100	500			

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable core use the colored coating fiber of 250 μm;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652D or G.657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: environmental low smoke zero halogen flame retardant polyolefin(LSZH)
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
12	3.8	11	100	200	300	1000	20D	10D	-40~+70
24	5.8	20	150	300	300	1000			
48	7.0	41	250	500	300	1000			
72	9.0	62	400	800	300	1000			
144	13.0	145	500	1000	300	1000			

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable core use the colored coating fiber of 250 μm;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

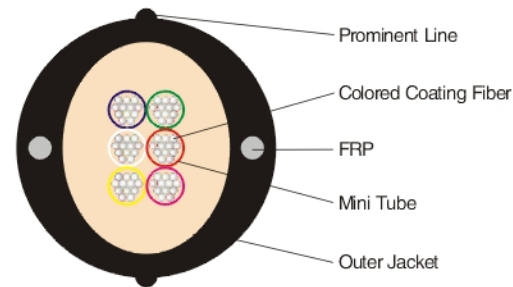
Options

- Fiber Type: G.652D or G.657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH)
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Dry Structure Cabling Cable IV — A015

Profile View



Dry Structure Cabling Cable IV

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Small size, light weight and compact structure
- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft,flexible,easy to lay and splice,and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
72	8.5	62	100	200	300	1000			
144	10.5	80	100	200	300	1000	20D	10D	-20~+60
288	13.5	110	100	200	300	1000			

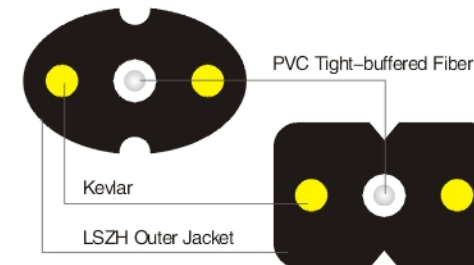
Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable core use the colored coating fiber of 250 μm;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652D or G.657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: Environmental low smoke zero halogen flame retardant polyolefin(LSZH)
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Bow-type Drop Cable I — B001

Profile View



Bow-type Drop Cable I

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft,flexible,easy to lay and splice,and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
1	3.0x2.0	8.5	30	60	100	500	20H	10H	-20~+60

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are in accordance with the tight-buffered fiber of 0.9mm out diameter.;
③ The minimum bend radius(static) is 15mm when G.657 fiber is used.

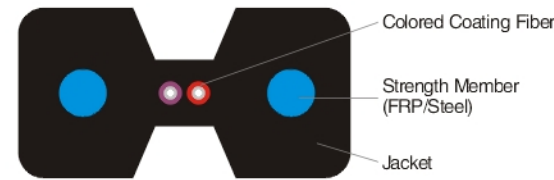
Options

- Fiber Type: G.652D or G.657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Fiber Count: Total number of fibers in the cable;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH)
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Bow-type Drop Cable II — B002

Profile View



Bow-type Drop Cable

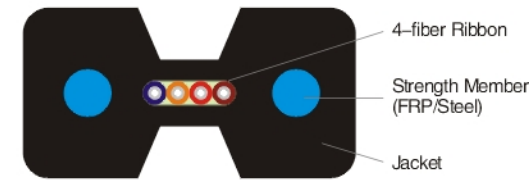
Application

- Used as access building cable;
- Used in indoor cabling, especially used for FTTH.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Profile View



Bow-type Drop Optical Fiber Ribbon Cable

Application

- Used as access building cable;
- Used in indoor cabling, especially used for FTTH.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
1~2	3.0x2.0	9.0	40/100	80/200	500/1000	1000/2200	60	30	-20~+60

- Note: ① All the values in the table, which are for reference only, are subject to change without notice;
- ② The cable core use the colored coating fiber of 250 μm;
- ③ The tensile and crush of the cable are accordance with the values in the table when the strength member of FRP and Steel are used;
- ④ The minimum bend radius(static) is 15mm when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
4	4.0x2.0	12	40/100	80/200	500/1000	1000/2200	60	30	-20~+60

- Note: ① All the values in the table, which are for reference only, are subject to change without notice;
- ② The tensile and crush of the cable are accordance with the values in the table when the strength member of FRP and Steel are used;
- ③ The minimum bend radius(static) is 15mm when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Self-supporting Bow-type Drop Cable I — B004

Profile View



Self-supporting Bow-type Drop Cable I

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
1~2	5.2x2.0	18	300	600	1000	2200	60	30	-20~+60

Note: ① All the values in the table, which are for reference only, are subject to change without notice;

② The cable core use the colored coating fiber of 250 μm;

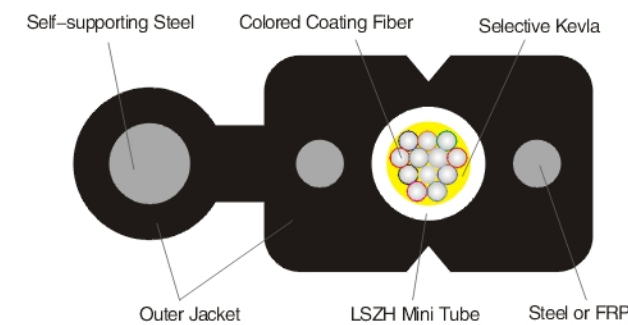
③ The minimum bend radius(static) is 15mm when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Self-supporting Bow-type Drop Cable II — B005

Profile View



Self-supporting Bow-type Drop Cable II

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used from outdoor to indoor in aerial access cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2~12	6.0x2.8	27	300	600	500	1000	60	30	-20~+60

Note: ① All the values in the table, which are for reference only, are subject to change without notice;

② The cable core use the colored coating fiber of 250 μm;

③ The minimum bend radius(static) is 15mm when G.657 fiber is used.

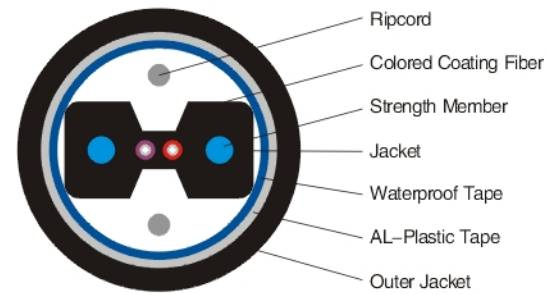
Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental low smoke zero halogen flame retardant polyolefin(LSZH) or other color of the clients' requirement, environmental halogen flame retardant polyolefin(ZRPO), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Armour Bow-type Drop Cable — B006

Profile View



Armour Bow-type drop Cable

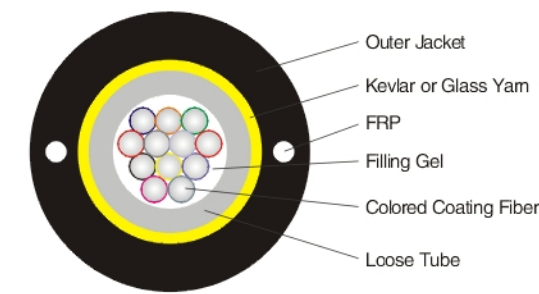
Application

- Mainly used in building aerial and duct access cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Profile View



Loose Tube Cable I

Application

- Used in access network or as access cable from outdoor to indoor in customer premises network;
- Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Features

- Small size and light weight
- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
1~2	6.8	47	100	200	500	1000	20D	10D	-20~+60

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② D is outer diameter of the round cable;
③ The minimum bend radius(static) is 5D when G.657 fiber is used.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2~12	7.5	70	600	1500	150	300	20D	10D	-40~+70

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② D is outer diameter of the round cable;
③ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental polyethylene(PE), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Options

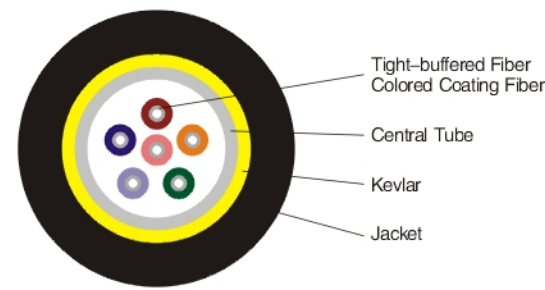
- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental low smoke zero halogen flame retardant polyolefin(LSZH) or other color of the clients' requirement, environmental halogen flame retardant polyolefin(ZRPO), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Loose Tube Cble II — B008

Duplex Round Far Transmission Cable I — C001

Profile View



Loose Tube Cable II

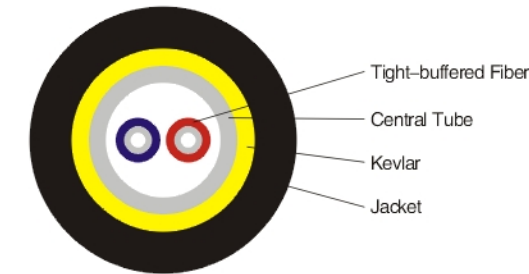
Application

- Used as access building cable;
- Used in wireless base station(BS)horizontal and vertical cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Profile View



Duplex Round Far Transmission Cable I

Application

- Mainly used in wireless base station (BS) horizontal and vertical cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	7.0	43.5	200	660	500	1000			
4	7.2	45.3	200	660	500	1000			
6	7.5	53.1	200	660	500	1000	20D	10D	-20~+60
8	8.5	62.5	200	660	500	1000			
12	9.2	75.0	200	660	500	1000			

Note: ①All the values in the table, which are for reference only, are subject to change without notice;
②The cable dimension and weight are in accordance with the tight-buffered fiber of 0.9mm outer diameter;
③D is outer diameter of the round cable;
④The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or OM4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental polyethylene(PE), environmental thermosplatic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	7.0	45	200	400	500	1000	20D	10D	-20~+60

Note: ①All the values in the table, which are for reference only, are subject to change without notice;
②D is outer diameter of the round cable;
③The minimum bend radius(static) is 5D when G.657 fiber is used.

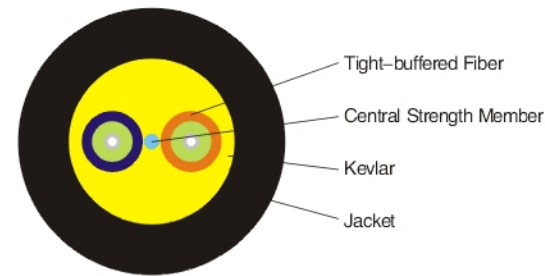
Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or OM4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplatic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Duplex Round Far Transmission Cable II — C002

Profile View



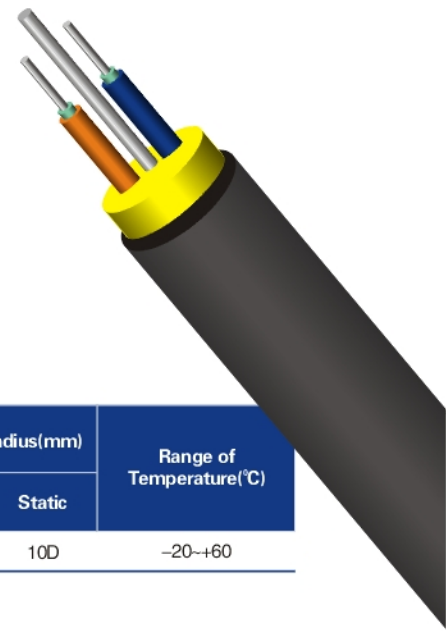
Duplex Round Far Transmission Cable II

Application

- Mainly used in wireless base station (BS) horizontal and vertical cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.



Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	5.5	28	200	400	500	1000	20D	10D	-20~+60

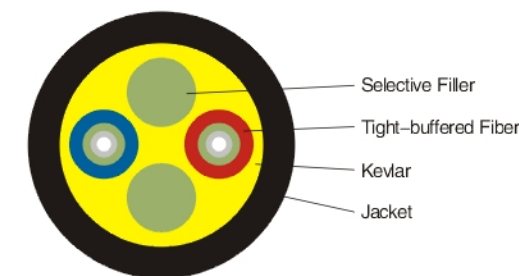
Note: ①All the values in the table, which are for reference only, are subject to change without notice;
②D is outer diameter of the round cable;
③The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplatic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Duplex Round Far Transmission Cable III — C003

Profile View



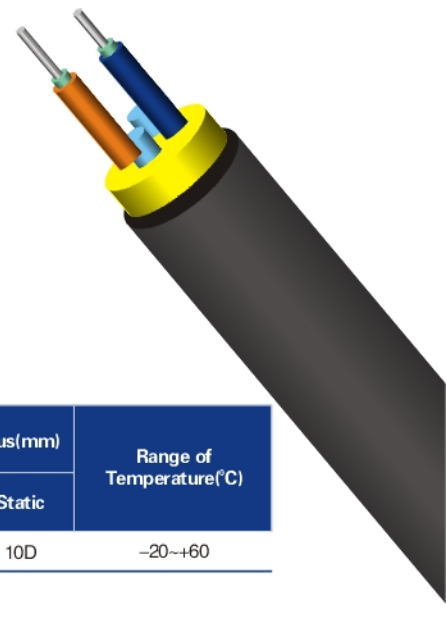
Duplex Round Far Transmission Cable III

Application

- Mainly used in wireless base station (BS) horizontal and vertical cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.



Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	5.0	22	200	400	500	1000	20D	10D	-20~+60

Note: ①All the values in the table, which are for reference only, are subject to change without notice;
②D is outer diameter of the round cable
③The minimum bend radius(static) is 5D when G.657 fiber is used.

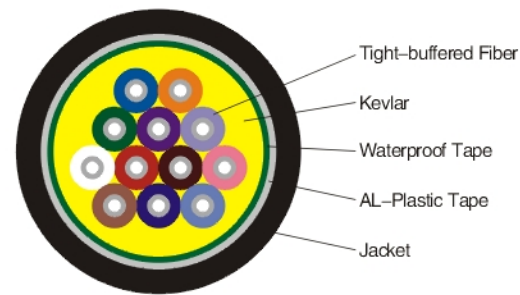
Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Jacket Material: Environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermosplatic polyurethane(TPU), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Waterproof Pigtail Cable I — D001

Profile View



Waterproof Pigtail Cable I

Application

- Used as pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used in indoor cabling;

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Easy to splice and convenient laying, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	5.8	27	130	440	300	1000	20D	10D	-20~+60
4	5.8	29	130	440	300	1000			
6	6.5	33	130	440	300	1000			
8	7.0	40	130	440	300	1000			
10	7.5	46	130	440	300	1000			
12	8.0	52	130	440	300	1000			

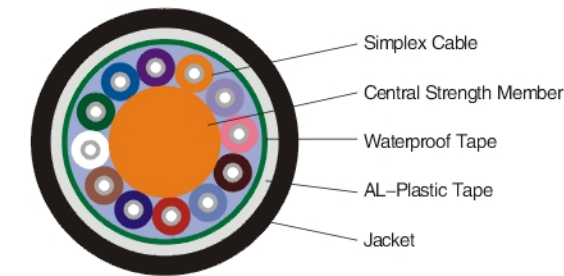
Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are in accordance with the tight buffered fiber of 0.9mm outer diameter;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Fiber Count: The total number of fibers in the cable;
- Jacket Material: Environmental polyethylene(PE), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Waterproof Pigtail Cable II — D002

Profile View



Waterproof Pigtail Cable II

Application

- Used in pigtails and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used in indoor cabling.

Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics of jacket meet the requirements of relevant standards;
- Easy to splice and convenient laying, and with big capacity data transmission;
- Meet various requirements of market and clients.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	8.7	54	200	400	500	1000	20D	10D	-20~+60
4	8.7	60	200	400	500	1000			
6	10.0	81	300	600	500	1000			
8	11.7	108	400	800	500	1000			
10	13.3	134	500	1000	500	1000			
12	15.0	183	600	1200	500	1000			

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are in accordance with the simplex cable of 2.0mm outer diameter;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

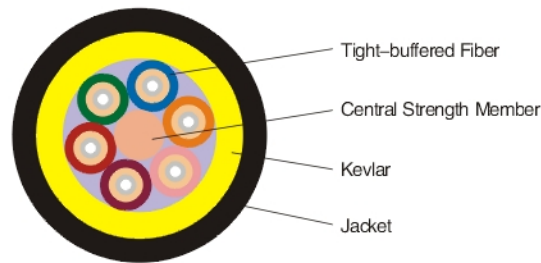
- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Fiber Count: The total number of fibers in the cable;
- Jacket Material: Environmental polyethylene(PE), or other contracted material;
- Jacket Color: (Including color of fiber) meets the requirements of relevant standards, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

CABLE

Optical Fiber Cable Used For Field Opeartion — E001

Round Tube — K001

Profile View



Optical Fiber Cable Used For Field Opeartion

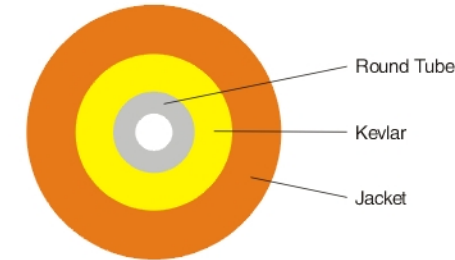
Application

- Used as field cable;
- Used in outside cabling;
- Used in poor condition outside cabling;
- Used in temporary cabling, meets the requirements of repeat cabling.

Features

- Good mechanical and environmental characteristics;
- The mechanical characteristics meet the requirements of relevant standards;
- High intensity and light weight;
- Easy to splice and convenient laying, and with big capacity data transmission;
- Meet various requirements of market and clients.

Profile View



Round Tube

Application

- Used as loose tube to protect primary coating fibers, tight-buffered fibers and fiber ribbons.

Features

- The color of the tube is the natural color, or other contracted color;
- Changeable appearance and dimensions meet various requirements of customers;
- Meet various requirements of the market and clients.

Parameters of the tube without Strength Member

Tube Type	Tube specification	Outer Diameter (mm)	Inner Aperture Dimension(mm)	Weight (kg/km)	Range of Temperature(°C)
Without Strength Member	0.6mm Coating Fiber Tube	0.6	0.3	0.3	-20~+60
	0.9mm Coating Fiber Tube	0.9	0.4	0.6	
	1.2mm Tight-buffered Fiber Tube	1.2	0.8	0.9	
	1.5mm Tight-buffered Fiber Tube	1.5	1.1	1.2	

Note: ① All the values in the table, which are for reference only, are subject to change without notice.

Parameters of the tube with Strength Member

Tube Type	Tube specification	Outer Diameter (mm)	Weight (kg/km)	Range of Temperature(°C)
With Strength Member	0.6mm Coating Fiber Tube	1.6	2.2	-20~+60
	0.6mm Coating Fiber Tube	1.8	2.6	
	0.6mm Coating Fiber Tube	2.0	3.3	
	0.9mm Coating Fiber Tube	2.0	3.2	
	0.9mm Coating Fiber Tube	3.0	7.7	
	1.2mm Tight-buffered Fiber Tube	3.0	7.0	
	1.5mm Tight-buffered Fiber Tube	3.0	6.4	

Note: ① All the values in the table, which are for reference only, are subject to change without notice.

Cable Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.Bend Radius(mm)		Range of Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	5.2	24	500	1000	500	1500	20D	10D	-20~+60
4	5.2	24	500	1000	500	1500			
6	6.0	31	500	1000	500	1500			

Note: ① All the values in the table, which are for reference only, are subject to change without notice;
② The cable dimension and weight are in accordance with the tight buffered fiber of 0.9mm outer diameter;
③ D is outer diameter of the round cable;
④ The minimum bend radius(static) is 5D when G.657 fiber is used.

Options

- Fiber Type: G.652,G.655 or G.657 single-mode fiber, A1a or A1b, OM3 or Om4 multi-mode fiber, or other types of fiber;
- Fiber Count: The fiber count is usually 1-6, or other contracted fiber count;
- Jacket Material: Environmental thermoplastic polyurethane(TPU), or other contracted material;
- Jacket Color: Black, or other contracted color;
- Cable Dimension: The nominal cable dimension, or other contracted dimension;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: Other contracted special requests.

Options

- Tube Shape: Round, or other contracted shape;
- Tube Material: Environmental polyethylene(PE), environmental flame retardant polyvinylchloride(PVC), environmental low smoke zero halogen flame retardant polyolefin(LSZH), environmental halogen flame retardant polyolefin(ZRPO), environmental thermoplastic polyurethane(TPU), or other contracted material;
- Delivery Length: 1km or 2km, or other contracted length;
- Other Requirements: The basic requirements to the tube and other contracted requirements.

CABLE

Stranded Loose Tube Light-armored Cable — TS

Description

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sometimes sheathed with polyethylene(PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. The PSP is longitudinally applied over the cable core, which is filled with the filling compound to protect it from water ingress. The cable is completed with a PE sheath.

Features

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Specially designed compact structure is good at preventing loose tubes from shrinking
- Crush resistance and flexibility
- PE sheath protects cable from ultraviolet radiation
- The following measures are taken to ensure the cable watertight:
 - Steel wire used as the central strength member
 - Loose tube filling compound
 - 100% cable core filling
 - PSP enhancing moisture-proof

Standards

TS cable complies with Standard YD/T901-2009 as well as IEC 60794-1.

Cable Structure



Optical Characteristics

		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation(+20°C)	@850nm			≤3.0 dB/km	≤3.0 dB/km
	@1300nm			≤1.0 dB/km	≤1.0 dB/km
	@1310nm	≤ 0.36 dB/km	≤0.40 dB/km		
	@1550nm	≤ 0.22 dB/km	≤0.23 dB/km		
Bandwidth(Class A)	@850nm			≥600 MHz · km	≥200 MHz · km
	@1300nm			≥1200 MHz · km	≥600 MHz · km
Numerical Aperture				0.200 ± 0.015NA	0.275 ± 0.015NA
Cable Cut-off Wavelength λ cc		≤ 1260nm	≤1450nm		

Technical Parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static/Dynamic mm
YS-2-6Xn	2-6	1	4	9.5	100	600/1500	300/1000	10D/20D
YS-8-12Xn	8-12	2	3	9.5	100	600/1500	300/1000	10D/20D
YS-14-18Xn	14-18	3	2	9.5	100	600/1500	300/1000	10D/20D
YS-20-24Xn	20-24	4	1	9.5	100	600/1500	300/1000	10D/20D
YS-26-30Xn	26-30	5	0	9.5	100	600/1500	300/1000	10D/20D
YS-32-36Xn	32-36	6	0	10.0	119	1000/3000	300/1000	10D/20D
YS-38-48Xn	38-48	4	1	11.0	136	1000/3000	300/1000	10D/20D
YS-50-60Xn	50-60	5	0	11.0	136	1000/3000	300/1000	10D/20D
YS-62-72Xn	62-72	6	0	12.0	155	1000/3000	300/1000	10D/20D
YS-74-84Xn	74-84	7	1	13.6	192	1000/3000	300/1000	10D/20D
YS-86-96Xn	86-96	8	0	13.6	192	1000/3000	300/1000	10D/20D
YS-98-108Xn	98-108	9	1	15.0	227	1000/3000	300/1000	10D/20D
YS-110-120Xn	110-120	10	0	15.0	227	1000/3000	300/1000	10D/20D
YS-122-132Xn	122-132	11	1	16.9	227	1000/3000	300/1000	10D/20D
YS-134-144Xn	134-144	12	0	16.9	227	1000/3000	300/1000	10D/20D
YS-144-216Xn	144-216	18	0	16.9	227	1000/3000	300/1000	10D/20D

Storage/Operating Temperature: -40°C to +70°C Application: Duct/Aerial

Note:

- A. Suffix Xn denotes fiber type
B. The colour arrangements of fiber and tube are specified in the colour identification table
C. The nominal value of the PE sheath thickness is 1.6mm

CABLE

Stranded Loose Tube Armored Cable — TA53

Description

The fibers, 250 μm , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sometimes sheathed with polyethylene(PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes(and fillers) are stranded around the strength member into a compact and circular cable core. An Aluminum Polyethylene Laminate(APL) is applied around the cable core, which is filled with the filling compound to protect it from water ingress. Then the cable core is covered with a thin PE inner sheath. After the PSP is longitudinally applied over the inner sheath, the cable is completed with a PE sheath.

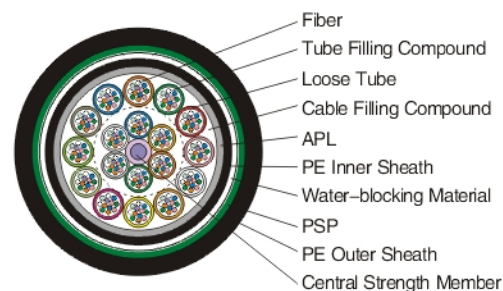
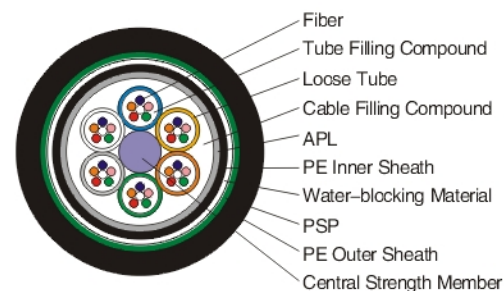
Features

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- The following measures are taken to ensure the cable watertight:
 - Steel wire used as the central strength member
 - Loose tube filling compound
 - 100% cable core filling
 - APL moisture barrier
 - PSP enhancing moisture-proof
 - Water-blocking material

Standards

TA53 cable complies with Standard YD/T901-2009 as well as IEC 60794-1.

Cable Structure



Optical Characteristics

	G.652	G.655	50/125 μm	62.5/125 μm
Attenuation(+20°C)	@850nm		$\leq 3.0 \text{ dB/km}$	$\leq 3.0 \text{ dB/km}$
	@1300nm		$\leq 1.0 \text{ dB/km}$	$\leq 1.0 \text{ dB/km}$
	@1310nm	$\leq 0.36 \text{ dB/km}$	$\leq 0.40 \text{ dB/km}$	
	@1550nm	$\leq 0.22 \text{ dB/km}$	$\leq 0.23 \text{ dB/km}$	
Bandwidth(Class A)	@850nm		$\geq 600 \text{ MHz} \cdot \text{km}$	$\geq 200 \text{ MHz} \cdot \text{km}$
	@1300nm		$\geq 1200 \text{ MHz} \cdot \text{km}$	$\geq 600 \text{ MHz} \cdot \text{km}$
Numerical Aperture			$0.200 \pm 0.015\text{NA}$	$0.275 \pm 0.015\text{NA}$
Cable Cut-off Wavelength λ_{cc}	$\leq 1260\text{nm}$	$\leq 1450\text{nm}$		

Technical Parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static/Dynamic mm
TA53-2-6Xn	2-6	1	5	13.7	190	1000/3000	1000/3000	10D/20D
TA53-8-12Xn	8-12	2	4	13.7	190	1000/3000	1000/3000	10D/20D
TA53-14-18Xn	14-18	3	3	13.7	190	1000/3000	1000/3000	10D/20D
TA53-20-24Xn	20-24	4	2	13.7	190	1000/3000	1000/3000	10D/20D
TA53-26-30Xn	26-30	5	1	13.7	190	1000/3000	1000/3000	10D/20D
TA53-32-36Xn	32-36	6	0	13.7	190	1000/3000	1000/3000	10D/20D
TA53-38-48Xn	38-48	4	1	15.3	229	1000/3000	1000/3000	10D/20D
TA53-50-60Xn	50-60	5	0	15.3	229	1000/3000	1000/3000	10D/20D
TA53-62-72Xn	62-72	6	0	15.9	244	1000/3000	1000/3000	10D/20D
TA53-74-84Xn	74-84	7	1	18.0	288	1000/3000	1000/3000	10D/20D
TA53-86-96Xn	86-96	8	0	18.0	288	1000/3000	1000/3000	10D/20D
TA53-98-108Xn	98-108	9	1	19.2	325	1000/3000	1000/3000	10D/20D
TA53-110-120Xn	110-120	10	0	19.2	325	1000/3000	1000/3000	10D/20D
TA53-122-132Xn	122-132	11	1	21.3	373	1000/3000	1000/3000	10D/20D
TA53-134-144Xn	134-144	12	0	21.3	373	1000/3000	1000/3000	10D/20D
TA53-146-216Xn	146-216	18	0	21.3	373	1000/3000	1000/3000	10D/20D

Storage/Operating Temperature: -40°C to +70°C Application: Duct/Aerial/Direct buried

Note:

A.Suffix Xn denotes fiber type

B.The colour arrangements of fiber and tube are specified in the colour identification table

C.The nominal value of the PE outer sheath thickness is 1.8mm while the nominal value of the PE inner sheath thickness is 0.9mm

CABLE

Unitube Light-armored Cable — TXW

Description

The fibers, 250 μm , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene(PE) sheath.

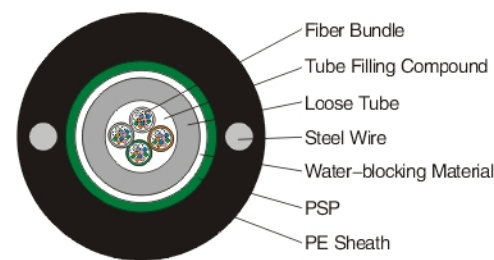
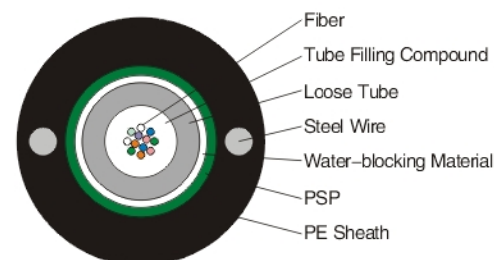
Features

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- PSP enhancing moisture-proof
- Two parallel steel wires ensure tensile strength
- Small diameter, light weight and friendly installation
- Long delivery length

Standards

XTW cable complies with Standard YD/T901-2009 as well as IEC 60794-1.

Cable Structure



Optical Characteristics

	G.652	G.655	50/125 μm	62.5/125 μm
Attenuation(+20°C)	@850nm		$\leq 3.0 \text{ dB/km}$	$\leq 3.0 \text{ dB/km}$
	@1300nm		$\leq 1.0 \text{ dB/km}$	$\leq 1.0 \text{ dB/km}$
	@1310nm	$\leq 0.36 \text{ dB/km}$	$\leq 0.40 \text{ dB/km}$	
	@1550nm	$\leq 0.22 \text{ dB/km}$	$\leq 0.23 \text{ dB/km}$	
Bandwidth(Class A)	@850nm		$\geq 600 \text{ MHz} \cdot \text{km}$	$\geq 200 \text{ MHz} \cdot \text{km}$
	@1300nm		$\geq 1200 \text{ MHz} \cdot \text{km}$	$\geq 600 \text{ MHz} \cdot \text{km}$
Numerical Aperture			$0.200 \pm 0.015\text{NA}$	$0.275 \pm 0.015\text{NA}$
Cable Cut-off Wavelength λ_{cc}	$\leq 1260\text{nm}$	$\leq 1450\text{nm}$		

Technical Parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static/Dynamic mm
XTW-2-12Xn	2-12	9.8	100	600/1500	300/1000	10D/20D
XTW-2-12Xn	2-12	10.6	124	1000/3000	1000/3000	10D/20D
XTW-14-24Xn	14-24	12.0	147	1000/3000	1000/3000	10D/20D
XTW-26-36Xn	26-36	12.0	150	1000/3000	1000/3000	10D/20D
XTW-38-48Xn	38-48	15.0	207	1000/3000	1000/3000	10D/20D

Storage/Operating Temperature: -40°C to +70°C Application: Duct/Aerial

Note:

A.Suffix Xn denotes fiber type

B.The colour arrangements of fiber and tube are specified in the colour identification table

C.The nominal value of the PE sheath minimum thickness outside of the strength member is 0.8mm

D.The steel tape is not corrugated in the cable with 12 fibers below. If the corrugated steel tape is requested, it should be specified in contract

CABLE

Figure 8 Cable — TC8A

Description

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire locates in the center of core as a metallic strength member. The tubes(and fillers) are stranded around the strength member into a compact and circular cable core. After an Aluminum Polyethylene laminate(APL) moisture barrier is applied around the cable core, this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene(PE) sheath to be figure 8 structure. Figure8 cableGYTC8Y, GYTC8S are also available on request. This type of cable is specifically applied for self-supporting aeral installation.

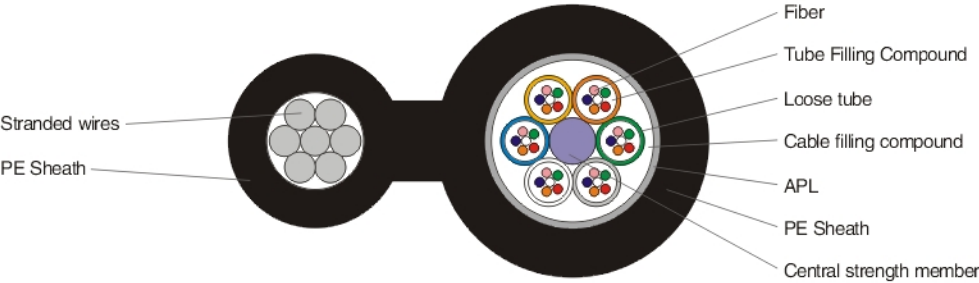
Features

- High tensile strength of stranded wires meet the requirement of self-supporting and reduce the installation cost
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- The following measures are taken to ensure the cable watertght:
 - Steel wire used as the central strength member
 - Loose tube filling compound
 - 100% cable core filling
 - APL moisture barrier

Standards

TC8A cable complies with Standard YD/T901-2009 as well as IEC 60794-1.

Cable Structure



Optical Characteristics

		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation(+20°C)	@850nm			≤3.0 dB/km	≤3.0 dB/km
	@1300nm			≤1.0 dB/km	≤1.0 dB/km
	@1310nm	≤0.36 dB/km	≤0.40 dB/km		
	@1550nm	≤0.22 dB/km	≤0.23 dB/km		
Bandwidth(Class A)	@850nm			≥600 MHz · km	≥200 MHz · km
	@1300nm			≥1200 MHz · km	≥600 MHz · km
Numerical Aperture				0.200 ± 0.015NA	0.275 ± 0.015NA
Cable Cut-off Wavelength λ cc		≤1260nm	≤1450nm		

Technical Parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static/Dynamic mm
TC8A-2~6Xn	2~6	1	4	9.5X18.3	218	600/1500	300/1000	10D/20D
TC8A-8~12Xn	8~12	2	3	9.5X18.3	218	600/1500	300/1000	10D/20D
TC8A-14~18Xn	14~18	3	2	9.5X18.3	218	600/1500	300/1000	10D/20D
TC8A-20~24Xn	20~24	4	1	9.5X18.3	218	600/1500	300/1000	10D/20D
TC8A-26~30Xn	26~30	5	0	9.5X18.3	218	600/1500	300/1000	10D/20D

Storage/Operating Temperature:-40°C to +70°C Application:Self-supporting Aerial

Note:

- A.Suffix Xn denotes fiber type
- B.The colour arrangements of fiber and tube are specified in the colour identification table
- C.The nominal value of PE sheath thickness: the cable core-1.5mm, the suspension-1.0mm
- D.The suspension steel wires have two different dimensions with diameters of 1.2mm and 1.6mm.

CABLE

Stranded Loose Tube Non-metallic Strength Member LIGHT armored Cable — FTA

Description

The fibers, 250 μm , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fiber Reinforced Plastic(FRP) locates in the center of core as non-metallic strength member. The tubes(and fillers) are stranded around the strength member into a compact and circular core. After an Aluminum Polyethylene Laminate(APL) moisture barrier is applied around the cable core, the cable is completed with a PE sheath.

Features

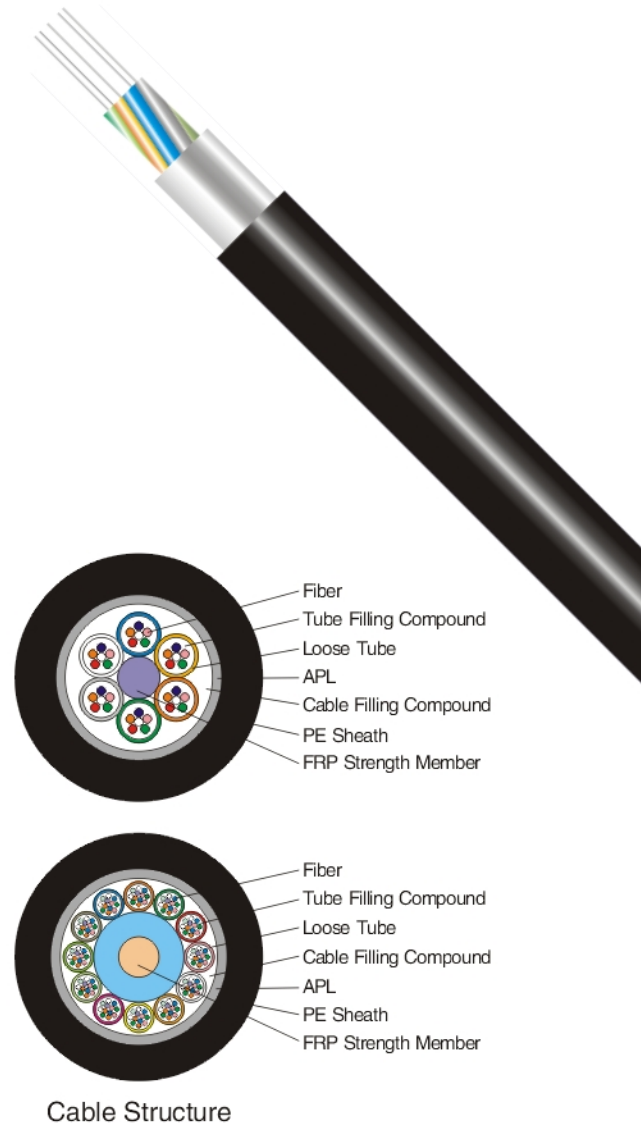
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Specially designed compact structure is good at preventing loose tubes from shrinking
- PE sheath protects cable from ultraviolet radiation
- The following measures are taken to ensure the cable watertight:
 - Single Fiber Reinforced Plastic as the central strength member
 - Loose tube filling compound
 - 100% cable core filling
 - APL moisture barrier

Standards

FTA cable complies with Standard YD/T901-2009 as well as IEC 60794-1.

Optical Characteristics

		G.652	G.655	50/125 μm	62.5/125 μm
Attenuation(+20°C)	@850nm			≤ 3.0 dB/km	≤ 3.0 dB/km
	@1300nm			≤ 1.0 dB/km	≤ 1.0 dB/km
	@1310nm	≤ 0.36 dB/km	≤ 0.40 dB/km		
	@1550nm	≤ 0.22 dB/km	≤ 0.23 dB/km		
Bandwidth(Class A)	@850nm			≥ 600 MHz · km	≥ 200 MHz · km
	@1300nm			≥ 1200 MHz · km	≥ 600 MHz · km
Numerical Aperture				$0.200 \pm 0.015\text{NA}$	$0.275 \pm 0.015\text{NA}$
Cable Cut-off Wavelength λ_{cc}		$\leq 1260\text{nm}$	$\leq 1450\text{nm}$		



Technical Parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static/Dynamic mm
FTA-2-6Xn	2-6	1	5	11.4	108	400/1000	300/1000	10D/20D
FTA-8-12Xn	8-12	2	4	11.4	108	400/1000	300/1000	10D/20D
FTA-14-18Xn	14-18	3	3	11.4	108	400/1000	300/1000	10D/20D
FTA-20-24Xn	20-24	4	2	11.4	108	400/1000	300/1000	10D/20D
FTA-26-30Xn	26-30	5	1	11.4	108	400/1000	300/1000	10D/20D
FTA-32-36Xn	32-36	6	0	11.4	108	400/1000	300/1000	10D/20D
FTA-2-12Xn	2-12	1	5	12.8	134	600/1500	300/1000	10D/20D
FTA-14-24Xn	14-24	2	4	12.8	134	600/1500	300/1000	10D/20D
FTA-26-36Xn	26-36	3	3	12.8	134	600/1500	300/1000	10D/20D
FTA-38-48Xn	38-48	4	2	12.8	134	600/1500	300/1000	10D/20D
FTA-50-60Xn	50-60	5	1	12.8	134	600/1500	300/1000	10D/20D
FTA-62-72Xn	62-72	6	0	12.8	134	600/1500	300/1000	10D/20D
FTA-2-6Xn	2-6	1	7	12.8	140	1000/3000	300/1000	10D/20D
FTA-8-12Xn	8-12	2	6	12.8	140	1000/3000	300/1000	10D/20D
FTA-14-18Xn	14-18	3	5	12.8	140	1000/3000	300/1000	10D/20D
FTA-20-24Xn	20-24	4	4	12.8	140	1000/3000	300/1000	10D/20D
FTA-26-30Xn	26-30	5	3	12.8	140	1000/3000	300/1000	10D/20D
FTA-32-36Xn	32-36	6	2	12.8	140	1000/3000	300/1000	10D/20D
FTA-38-42Xn	38-42	7	1	12.8	140	1000/3000	300/1000	10D/20D
FTA-44-48Xn	44-48	8	0	12.8	140	1000/3000	300/1000	10D/20D
FTA-50-60Xn	50-60	5	3	14.8	176	1000/3000	300/1000	10D/20D
FTA-62-72Xn	62-72	6	2	14.8	176	1000/3000	300/1000	10D/20D
FTA-74-84Xn	74-84	7	1	14.8	176	1000/3000	300/1000	10D/20D
FTA-86-96Xn	86-96	8	0	14.8	176	1000/3000	300/1000	10D/20D
FTA-98-108Xn	98-108	9	1	17.1	226	1000/3000	300/1000	10D/20D
FTA-110-120Xn	110-120	10	0	17.1	226	1000/3000	300/1000	10D/20D
FTA-122-132Xn	122-132	11	1	19.2	279	1000/3000	300/1000	10D/20D
FTA-134-144Xn	134-144	12	0	19.2	279	1000/3000	300/1000	10D/20D

Storage/Operating Temperature: -40°C to +70°C Application: Duct/Aerial

Note:

A.Suffix Xn denotes fiber type

B.The colour arrangements of fiber and tube are specified in the colour identification table

C.The nominal value of the PE sheath thickness is 1.6mm

CABLE

All Dielectric Self-supporting Aerial Cable — ADSS

Description

ADSS cable is loose tube stranded. Fibers, 250 μm, are positioned into a loose tube made of high modulus plastics. The tubes are filled with a water-resistant filling compound. The tubes(and fillers) are stranded around a FRP(Fiber Reinforced Plastic) as a non-metallic central strength member into a compact and circular cable core. After the cable core is filled with filling compound. It is covered with thin PE(polyethylene) inner sheath. After stranded layer of aramid yarns are applied over the inner sheath as strength member, the cable is completed with PE or AT(anti-tracking) outer sheath.

Features

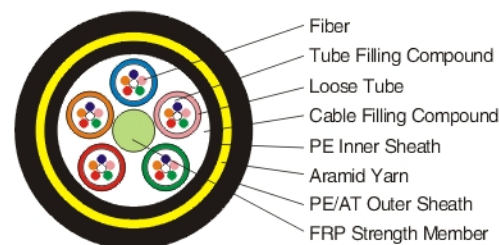
- Can be installed without shutting off the power
- Excellent AT performance. The maximum inductive at the operating point of AT sheath can reach 25kV
- Light weight and small diameter reducing the load caused by ice and wind and the load on towers and backrops
- Large span lengths and the largest span is over 1000m
- Good performance of tensile strength and temperature
- The design life span is 30 years

Standards

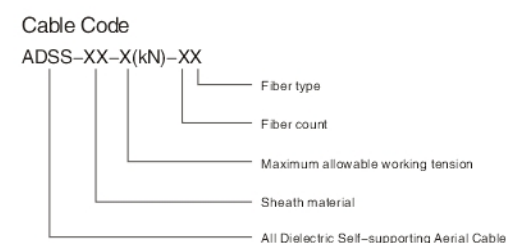
ADSS cable complies with Standard IEEE 1222-2004 as well as IEC60794-1.

Application

The actual status of overhead power lines is taken into full consideration when ADSS cable is being designed. For overhead power lines under 110kV, PE outer sheath is applied. For power lines equal to or over 110kV, AT outer sheath is applied. The dedicate design of aramid quantity and stranding process can satisfy the demand on various spans.



Cable Structure



Optical Characteristics

		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation(+20°C)	@850nm			≤3.0 dB/km	≤3.0 dB/km
	@1300nm			≤1.0 dB/km	≤1.0 dB/km
	@1310nm	≤0.36 dB/km	≤0.40 dB/km		
	@1550nm	≤0.22 dB/km	≤0.23 dB/km		
Bandwidth(Class A)	@850nm			≥600 MHz · km	≥200 MHz · km
	@1300nm			≥1200 MHz · km	≥600 MHz · km
Numerical Aperture				0.200 ± 0.015NA	0.275 ± 0.015NA
Cable Cut-off Wavelength λ _{cc}		≤1260nm	≤1450nm		

Technical Parameters

Ref.outer diameter mm	Ref.weight kg/km		Rec.daily max. Working tension kN	Max allowable working tension kN	Break strength kN	Strength member CSA mm ²	Modulus of elasticity kN/mm ²	Heat expansion coefficient ×10 ⁻⁶ /k	Suitable span (NESC Standard.m)			
	PE sheath	AT sheath							A	B	C	D
12.5	125	136	1.5	4	10	4.6	7.6	1.8	160	100	140	100
13.0	132	142	2.25	6	15	7.6	8.3	1.5	230	150	200	150
13.3	137	148	3.0	8	20	10.35	9.45	1.3	300	200	290	200
13.6	145	156	3.6	10	24	13.8	10.8	1.2	370	250	350	250
13.8	147	159	4.5	12	30	14.3	11.8	1.0	420	280	400	280
14.5	164	177	5.4	15	36	18.4	13.6	0.9	480	320	460	320
14.9	171	185	6.75	18	45	22.0	16.4	0.6	570	380	550	380
15.1	179	193	7.95	22	53	26.4	18.0	0.3	670	460	650	460
15.5	190	204	9.0	26	60	32.2	19.1	0.1	750	530	750	510
15.6	194	208	10.5	28	70	33.0	19.6	0.1	800	560	800	560
16.3	211	226	12.75	34	85	40.0	20.1	0.1	880	650	880	650
16.8	226	242	15.45	41	103	48.0	24.0	-0.4	1000	750	1000	760
17.2	236	253	16.2	45	108	51.0	25.1	-0.5	1100	800	1100	830
17.9	249	266	18.0	50	120	58.8	26.1	-0.8	1180	880	1180	900

Storage/Operating Temperature: -40°C to +70°C Application: Self-supporting Aerial

Note:

- A.Only a part of ADSS cables are listed in the table, ADSS cables with other spans can be inquired from GYD directly.
B.Specifications in the table are got on condition that there is no height difference and the installation sag is 1%.
C.Fiber count is 2 to 60. The identification of fibers complies with the national standard.
D.Fibers, either single-mode or multimode, can be used in th cable on request.
E.Specially designed cable structure is available on request.
F.GYD reserves the right to revise, change and perfect the specification in the table.

CABLE

Optical Patch Cord Series



SC/UPC SC/APC

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



FC/UPC FC/APC

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



LC/UPC

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



ST/UPC

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



SC/UPC Duplex

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



FC/UPC Duplex

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



LC/UPC Duplex

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



ST/UPC Duplex

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C

CABLE

Optical Patch Cord Series



MU Patch Cord

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



E2000

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



MT-RJ

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



SC/APC SC/UPC Pigtail

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



12 Core Pigtail FC/UPC

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



Drop cable Patch cord

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



Connector

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C



Waterproof pigtail

APPLICATIONS

◎Telecommunications ◎Optic fiber sensors ◎Testing instruments ◎LAN ◎FTTH

FEATURES

◎Low Insertion tolerance ◎Easy to handle ◎Stable environment

SPECIFICATIONS

◎Return Loss : PC>45 dB, APC>60 dB ◎Insertion Loss : <0.3 dB ◎Industry Standard: TA-NWT-001209
◎Operations Temperature: -40°C ~ 85°C ◎Storage Temperature: -50°C ~ 85°C

CABLE

Adaptor Series



SC-SC Adaptor

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



SC-SC Duplex

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



FC-FC Adaptor

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



LC/APC-LC/APC Duplex

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



LC-LC Adaptor

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



FC-ST Adaptor

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



ST-ST Adaptor

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



ST-SC Adaptor

APPLICATIONS

Telecommunication CATV LAN & WAN Network Broadband FTTP

FEATURES

- Simplex and duplex panel cutouts
- Available in several standard colors
- Meet bellcore GR-326 standard
- Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Durability (500 Mating): 0.2dB Max Increase
- Panel clip for easy installation
- Increase panel density and quick plug in installation
- Insertion loss: SM<0.3dB, MM<0.5dB
- Storage temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$