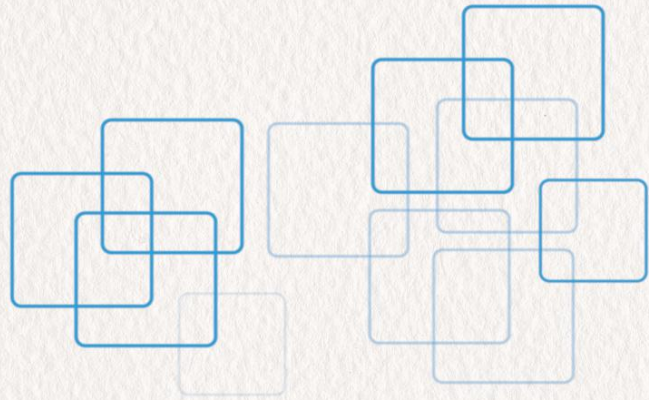


# PRODUCT

Catalogue 产品手册

四川远通通信有限公司

[www.chinafibercable.com](http://www.chinafibercable.com)



**SICHUAN YUANTONG**  
**COMMUNICATION CO.,LTD.**

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## 公司简介

四川远通通信有限公司坐落于美丽富饶的“天府之国”——中国成都西南航空港经济开发区，紧邻双流国际航空港和机场高速，系国家级重点高新技术企业。

公司专注研发、制造各种室内光缆、室外光缆、电力光缆、海底光缆及特殊光缆。

拥有职员 200 余人，其中高级工程师占 20%，中级职称占 70%。

公司通过了 ISO9001 质量管理、ISO14001 环境管理，健康管理，泰尔、行业等国家承认的体系认证。

公司创建近 20 年以来，出资八千多万从奥地利、德国、美国、英国及本国，引进全球最先进光缆制造和检测设备；

公司现与国内外多家运营商建立长期战略合作关系，产品远销美洲、欧洲、中东、非洲、东南亚、俄罗斯等洲，年销售额达到三亿美元，规模稳居国内外同行业前列。

公司秉承“快速、高效、优质”的质量方针和“跨中国第一，做世界第一”的质量目标。为全世界全人类的通信发展作出卓越的贡献。

## Company Profile

Sichuan Yuantong Communication Co., Ltd, a national key high-tech Enterprise, which is located in the beautiful "land of abundance" - Chengdu, Southwest Airport Economic Development Zone, is next to Shuangliu International airport and airway expressway.

Our company is committed to R&D, manufacture all kinds of fiber optic cable including indoor&outdoor fiber optic cable, power optical fiber cable, submarine optical cable and special optical cable etc.

Yuantong has more than 200 staffs, of which 20% are senior engineers, 70% are mid-level employees.

Company has got many national approval certificates, such as ISO9001 quality management, ISO14001 environmental management, health management and TLC.

A complete set of Advanced test equipments ensure each of the links from raw materials to perfect products is effectively controlled.

Also we have built a long-term strategic cooperative relationship with a number of domestic and oversea telecom operators. Products sold widely to America, Europe, Middle East, Africa, Southeast Asia, and other continents, annual sales reach \$300 million, the production scale is in the forefront of the field.

Our company persist the quality policy "fast, efficient, high-quality" and the quality target "be first in China, do best in the world", trying to make outstanding contribution for the whole world's communication development.

# >>> 公司证书



泰尔 GYTA53-144 芯

泰尔 GYTA53 证书附件

泰尔室外皮缆 4 芯

泰尔室外皮缆 4 芯证书附件



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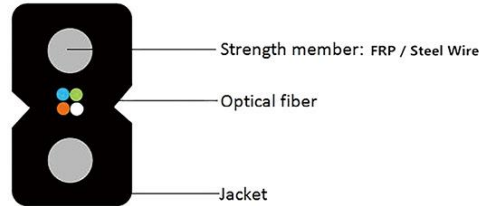
- 皮线光缆产品系列.....
- FTTH Drop Cable Series**
- 室内用皮线光缆 -GJX(F)H.....
- FTTH Indoor Fiber Optic Drop Cable
- 自承式皮线光缆 -GJYX(F)CH.....
- FTTH Self-Supporting Fiber Optic Drop Cable
- 皮线跳线.....
- Drop Cable Patch Cord
- 室内光缆产品系列.....**
- Indoor Fiber Optic Cable Series**
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- Tight Buffer Fiber Cable
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- 中心管式轻铠装光缆 -GYXTW.....
- Uni-Tube Light Armored Cable
- 层绞式铝 / 钢铠装光缆 -GYTA(S).....
- Stranded Aluminum /Steel Armored Cable
- 层绞式双铠装光缆 -GYTA53.....
- Stranded Double Armored Cable
- 8 字型层绞光缆 -GYTC8A/S.....
- Figure-8 Stranded Cable
- 8 字型中心管式光缆 -GYXTC8A/S.....
- Figure-8 Central Loose Tube Cable
- 迷你八字缆.....
- Mini Figure-8 Cable
- 松套层绞式非金属加强件非铠装光缆 -GYFTY.....
- Non-Metallic Stranded Loose Tube Cable
- 全介质自承式架空光缆 -ADSS.....
- All Dielectric Self Supporting Aerial Optical Cable
- 光电复合缆.....
- Photoelectric Composite Cable
- 防鼠光缆 -GYTA(S)O4.....
- Anti-Rodent Cable
- 公司图片展示 (车间图, 成品图, 包装图).....**
- Company Show ( Work Shop, Product and Packing )**
- 光缆知识.....**
- Knowledge Of Fiber Optic Cable**
- 光缆型号说明.....**
- Cable Model Description**

# 皮线光缆产品系列 FTTH Drop Cable Series

## 室内用皮线光缆—GJX(F)H FTTH Indoor Fiber Optic Drop Cable - GJX(F)H

### 产品描述 (Description) :

- 8 字型结构
- 着色光纤
- FRP/ 钢丝高模量加强构件
- 高性能材料外护套
- "8"Shape Structure
- Coloring Fiber
- FRP/STEEL As Strength Member
- Good Performance Outer Sheath



### 应用 (Application):

- ◆ 室内用
- ◆ 适合架空引入
- ◆ Indoor Use
- ◆ Suitable Use In aerial



### 技术参数 (Technical Parameter) :

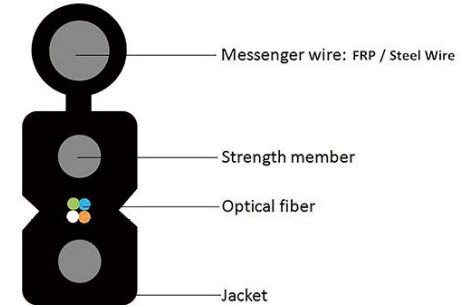
光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance(N)		允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term	动态 Dynamic	静态 Static	1310nm	1550nm		
GJXH-1 GJXH-2	2.0×3.0±0.1	60	120	1000	2200	40	20	≤ 0.4	≤ 0.3	-40°C ~ +60°C	10
GJXH-4	2.0×3.0±0.1	60	120	1000	2200	40	20	≤ 0.4	≤ 0.3	-40°C ~ +60°C	10.5
GJXFH-1 GJXFH-2	2.0×3.0±0.1	40	80	500	1000	40	20	≤ 0.4	≤ 0.3	-40°C ~ +60°C	8.5
GJXFH-4	2.0×3.0±0.1	40	80	500	1000	40	20	≤ 0.4	≤ 0.3	-40°C ~ +60°C	9.0

以上数据仅供参考，如有更改恕不另行通知。  
The above data is for reference only and subject to change without notice.

## 自承式皮线光缆—GJYX(F)CH FTTH Self-Supporting Fiber Optic Drop Cable - GJYX(F)CH

### 产品描述 (Description) :

- 8 字型结构
- 着色光纤
- FRP/ 钢丝高模量加强构件
- 高性能材料外护套
- "8"Shape Structure
- Coloring Fiber
- FRP/STEEL As Strength Member
- Good Performance Outer Sheath



### 应用 (Applications) :

- ◆ 室内外用
- ◆ 适合架空引入
- ◆ Indoor and Outdoor Use
- ◆ Suitable Use in aerial



### 技术参数 (Technical Parameter) :

光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance(N)		允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term	静态 Static	动态 Dynamic	1310nm	1550nm		
GJYXCH-1 GJYXCH-2	2.0×5.0±0.1	300	600	1000	2200	20	40	≤ 0.4	≤ 0.3	-40°C ~ +60°C	20
GJYXCH-4	2.0×5.0±0.1	300	600	1000	2200	20	40	≤ 0.4	≤ 0.3	-40°C ~ +60°C	20.5
GJYXFCH-1 GJYXFCH-2	2.0×5.0±0.1	300	600	1000	2200	20	40	≤ 0.4	≤ 0.3	-40°C ~ +60°C	18
GJYXFCH-4	2.0×5.0±0.1	300	600	1000	2200	20	40	≤ 0.4	≤ 0.3	-40°C ~ +60°C	18.6

以上数据仅供参考，如有更改恕不另行通知。  
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## 皮线跳线

### Drop Cable Patch Cord

#### 产品描述 (Description) :

● 光纤跳线提供所有标准连接器类型，所有标准光纤类型和所有标准电缆配置，以满足您的所有互连需求。它们有任何长度可供选择。

● Fiber Optic Patch Cords Are Available In All Standard Connector Styles, All Standard Fiber Types And All Standard Cable Configurations To Meet All Your Interconnection Needs. They Are Available In Any Length .

#### 应用 (Application) :

- ◆ 有线电视
- ◆ 电信网络
- ◆ 广域网 (WAN)
- ◆ CATV
- ◆ Telecommunication Networks
- ◆ Wide Area Networks (WANs)



#### 技术参数 (Technical Parameter) :

Characteristic	Item	Test Condition	Single Mode	Mult Mode
Fiber Characteristics	Insertion Loss	UPC 1.31μm, LED (light source)	≤ 0.4dB	≤ 0.3dB
		APC 1.31μm, LED (light source)	≤ 0.3dB	≤ 0.3dB
	Return Loss	UPC 1.31μm, LD (light source)	≥ 55dB	
		APC 1.31μm, LD (light source)	≥ 65dB	
Mechanical Test (Additional Loss)	Impact Test	1.8, 8 (1.8 height, 8 times)	< 0.1dB	< 0.1dB
	Vibration Test	10 ~ 60Hz, 1mm (Full amplitude)	< 0.1dB	< 0.1dB
	Plug Life	1000 times or more	< 0.1dB	< 0.1dB
	Tensile Strength	≥ 100N	< 0.1dB	< 0.1dB
Environmental Characteristics (Additional Loss)	High and Low Temperature Cycling Test	- 25 ~ + 70° C, 2(cycle)	< 0.2dB	< 0.2dB
	High Temperature Test	+ 80° C, 2(hour)	< 0.2dB	< 0.2dB
	Low Temperature Test	- 40° C, 2(hour)	< 0.2dB	< 0.2dB

以上数据仅供参考，如有更改恕不另行通知。

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## 室内光缆产品系列

### Indoor Fiber Optic Cable Series

## 紧套光缆—GJFJV

### Tight Buffer Fiber Cable

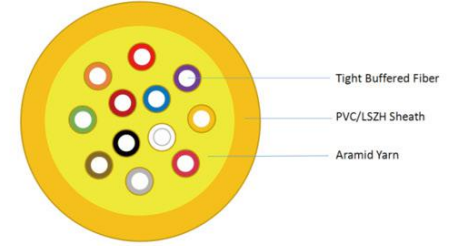
#### 产品描述 (Description) :

- 2-48 芯紧套光纤
- 高性能光纤缓冲材料
- 高模量芳纶加强元件
- 高性能护套材料外护套

- 2-48 Core Tight Buffer Fiber
- High Performance Fiber Buffer Material
- High Modulus Aramid Reinforced Element
- High Performance Jacket Material Outsheat

#### 应用 (Application) :

- ◆ 室内水平布线或垂直布线
- ◆ 多芯跳线
- ◆ 传输设备中的连接线
- ◆ Indoor Horizontal Cabling Or Vertical Cabling
- ◆ Multi-core Jumper
- ◆ Connection Cable In The Transmission Device



#### 技术参数 (Technical Parameter) :

芯数 Fiber Count	光缆尺寸 Cable Dimension (mm)	光缆重量 Cable Weight (unit: g/m)	拉伸强度 Tensile Strength (N)		冲击强度 Crush Strength (N/100mm)	
			长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term
4	5.0	19	130	440	200	1000
6	5.2	23	130	440	200	1000
8	5.5	26	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	200	660	200	1000
48	10.5	90	200	660	200	1000
Note	All values above are for reference only, are subject to change without notice. The minimum bend radius (static) is 5D when G657 fiber is used.					

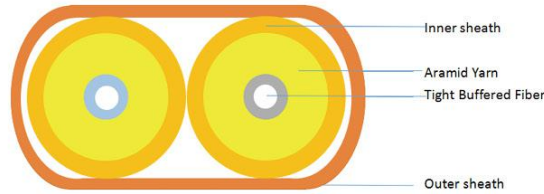
以上数据仅供参考，如有更改恕不另行通知。

The above data is for reference only and subject to change without notice.

## 室内扁平状光缆—GJFJBV Indoor Flat Optic Cable-GJFJBV

### 产品描述 (Description)

- 紧套光纤
- 扁平形状
- 高模量芳纶加强元件
- 高性能护套材料外护套
- Tight Buffer Fiber
- Flat Shape
- High Modulus Aramid Reinforcing Element
- High Performance Jacket Material Outsheat



### 应用 (Application) :

- 双工光纤活动连接跳线或尾纤
- 室内布线
- 仪器、通信设备互联
- Duplex Fiber Optic Active Connection Jumper Or Pigtail
- Indoor Cabling
- Instrument And Communication Equipment Interconnection



### 技术参数 (Technical Parameter) :

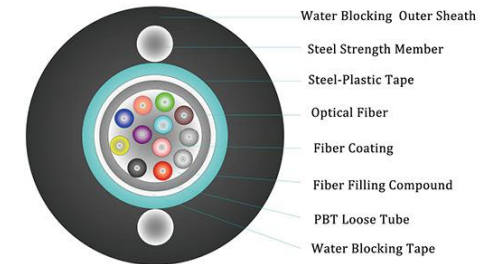
Cable Diameter(mm) 光缆直径	Inner Jacket diameter(mm) 内护套直径	Weight(kg/km) 重量	Tensile strength(N) 拉伸强度		Crush Resistance(N/100mm) 允许压扁力		Minimum bending radius (mm) 最小弯曲半径	
			Short-term 短期	Long-term 长期	Short-term 短期	Long-term 长期	Static 静态	Dynamic 动态
3.0*5.0	1.8	56	300	800	1000	500	60	30
3.2*5.6	2	65	300	800	1000	500	60	30
4.0*7.0	3	88	300	800	1000	500	60	30

以上数据仅供参考, 如有更改恕不另行通知。  
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## 中心管式轻铠装光缆 -GYXTW Uni-Tube Light Armored Cable

### 产品描述 (Description) :

- 中心管松套填充式
- 夹带平行钢丝的钢-聚乙烯粘结护套的通信室外光缆
- Central Loose Tube Jelly Filling
- Outdoor Optical Cable For Communication Of Steel-Polyethylene Bonded Sheath With Parallel Steel Wires



### 应用 (Application) :

- 长途通信和局域网
- 架空
- Long distance communication and LAN
- Aerial



### 技术参数 (Technical Parameter) :

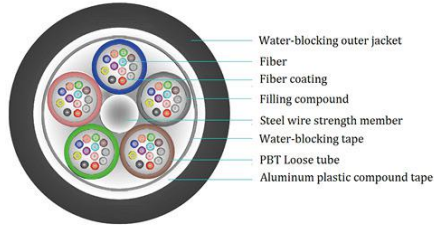
光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance(N)		允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term	动态 Dynamic	静态 Static	1310nm	1550nm		
2-12	7.5	600	1500	300	1000	30D	15D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	61

以上数据仅供参考, 如有更改恕不另行通知。  
The above data is for reference only and subject to change without notice.

## 层绞式铝 / 钢铠装光缆 -GYTA(S) Stranded Aluminum /Steel Armored Cable

### 产品描述 (Description) :

- 金属加强构件
- 松套层绞填充式
- 钢 / 铝 - 聚乙烯粘结护套的通信室外光缆
- Metal Reinforcing Member
- Loose Tube Stranded Type And Jelly Filling
- Outdoor Optical Cable For Communication Of Steel/Aluminum-Polyethylene Bonded Sheath



### 应用 (Application):

- ◆ 管道
- ◆ 架空
- ◆ 长途通信
- ◆ Pipeline
- ◆ Overhead
- ◆ Long Distance Communication



### 技术参数 : (Technical Parameter) :

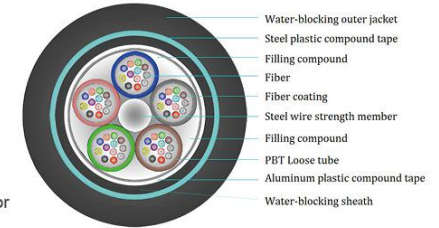
光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance(N)		允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term	动态 Dynamic	静态 Static	1310nm	1550nm		
2-30	9.2	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	70
32-36	9.7	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	77
38-60	9.5	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	75
62-72	10.1	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	95
74-84	10.7	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	104
86-96	11.5	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	114
98-108	12.1	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	125
110-120	12.8	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	137
122-132	13.4	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	148
134-144	14.0	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	160

以上数据仅供参考, 如有更改恕不另行通知。  
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## 层绞式双铠装光缆 -GYTA53 Stranded Double Armored Cable

### 产品描述 (Description) :

- 金属加强构件, 松套层绞填充式
- 铝 - 聚乙烯粘结内护套, 皱纹钢带铠装
- 将聚乙烯外护套的通信室外用光缆
- Metal Reinforcing Member
- Aluminum-Polyethylene Bonded Inner Sheath, Corrugated Steel Tape Armor
- Communication Outdoor Optical Cable With Polyethylene Outer Sheath



### 应用 (Application) :

- ◆ 直埋
- ◆ 长途通信或者局域通信
- ◆ Directly Buried
- ◆ Long Distance Communication Or Local Area Communication



### 技术参数 (Technical Parameter) :

光缆型号 Cable Model	光纤数 Fiber Count	单元数 Tube No	光缆直径 Cable Diameter	光缆重量 Cable Weight kg/km	允许拉伸力 Allowable Tensile Strength		允许压扁力 Allowable Crush Resistance		衰减系数 Attenuation Coefficient		弯曲半径 Bending Radius
					长期 / 短期 Long/Short Term	长期 / 短期 Long/Short Term	1310nm	1550nm	静态 / 动态 Static/ Dynamic		
										N/100mm	N/100mm
GYTA53-2~36	2~36	6	13.6	212	1000/3000	1000/3000	≤ 0.36	≤ 0.22	10D/20D		
GYTA53-38~72	38~72	6	14.1	228	1000/3000	1000/3000	≤ 0.36	≤ 0.22	10D/20D		
GYTA53-74~96	74~96	8	15.4	258	1000/3000	1000/3000	≤ 0.36	≤ 0.22	10D/20D		
GYTA53-98~120	98~120	10	17.0	305	1000/3000	1000/3000	≤ 0.36	≤ 0.22	10D/20D		
GYTA53-122~144	122~144	12	17.9	345	1000/3500	1000/3000	≤ 0.36	≤ 0.22	10D/20D		

以上数据仅供参考, 如有更改恕不另行通知。  
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## 8 字型层绞光缆 - GYTC8A/S Figure-8 Stranded Cable

### 产品描述 (Description) :

- 8 字型光缆
- 松套管层绞填充式
- 聚乙烯护套的室外用通信光缆
- "8" Shape Optical Cable
- Loose Tube Type and Stranded With Jelly Filling
- Polyethylene Sheathed Outdoor Communication Cable

### 应用范围 (Application) :

- ◆ 自承式架空
- ◆ 在高电磁干扰场所接入网络和本地网络
- ◆ 长途和局域网通信
- ◆ Adopted To Aerial Self-Supporting Installation
- ◆ Access Network And Local Network In High Electromagnetic Interfering Places
- ◆ Long Distance And Local Area Network Communication

### 技术参数 (Technical Parameter) :

Cable count	Out sheath diameter (MM)	Weight (kg)	Minimum allowable Tensile Strength(N)		Minimum allowable Crush Load (N/100mm)		Minimum Bending Radius (MM)		Storage temperature (°C)
			Short term	Long term	Short term	Long term	Short term	Long term	
6	6.0 x 9.8	184	8000	3000	1000	300	20D	10D	-40 ~ +60
12	6.0 x 9.8	184	8000	3000	1000	300	20D	10D	-40 ~ +60
24	6.0 x 9.8	184	8000	3000	1000	300	20D	10D	-40 ~ +60
36	6.0x10.2	210	8000	3000	1000	300	20D	10D	-40 ~ +60
42	6.0x10.5	220	8000	3000	1000	300	20D	10D	-40 ~ +60
48	6.0x10.5	220	8000	3000	1000	300	20D	10D	-40 ~ +60
72	6.0x11.0	245	8000	3000	1000	300	20D	10D	-40 ~ +60
144	6.0x15.0	285	8000	3000	1000	300	20D	10D	-40 ~ +60

以上数据仅供参考，如有更改恕不另行通知。  
The above data is for reference only and subject to change without notice.

## 8 字型中心管式光缆 - GYXTC8A/S Figure-8 Central Loose Tube Cable

### 产品描述 (Description) :

- 8 字形光缆
- 松套管填充式
- PE 外护套的室外通信光缆
- "8" Shape Optical Cable
- Central Loose Tube Type With Jelly Filling
- Polyethylene Sheathed Outdoor Communication Cable

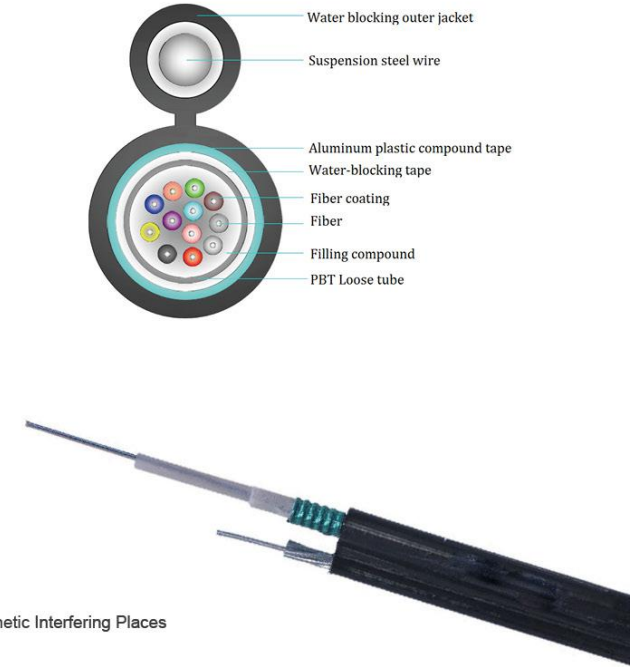
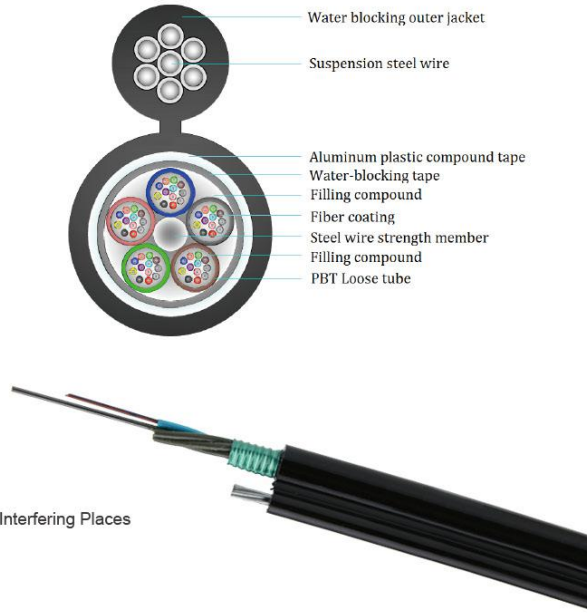
### 应用 (Application) :

- ◆ 自承式架空
- ◆ 在高电磁干扰场所接入网络和本地网络
- ◆ 长途和局域网通信
- ◆ Adopted To Aerial Self-Supporting Installation
- ◆ Access Network And Local Network In High Electromagnetic Interfering Places
- ◆ Long Distance And Local Area Network Communication

### 技术参数 (Technical Parameter) :

光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance(N)		允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term	动态 Dynamic	静态 Static	1310nm	1550nm		
2-12	6.0x7.5	3000	8000	300	1000	20D	15D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	107

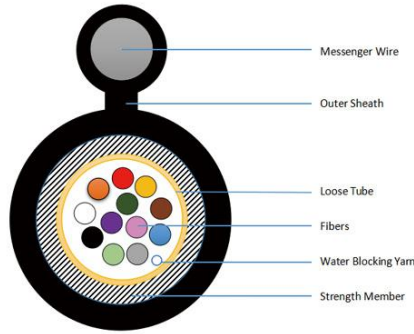
以上数据仅供参考，如有更改恕不另行通知。  
The above data is for reference only and subject to change without notice.



## 迷你八字缆 Fig-8 Fiber Cable Mini Figure-8 Fiber Cable

### 产品描述 (Description) :

- 8 字形形状
- 松套管绞填充式
- PE 外护套的室外通信光缆
- 干式结构
- "8" Shape Optical Cable
- Central Loose Tube Type With Jelly Filling
- Polyethylene Sheathed Outdoor Communication Cable
- Dry Structure



### 应用 (Application):

- ◆ 自承式架空
- ◆ 在高电磁干扰场所接入网络和本地网络
- ◆ 长途和局域网通信
- ◆ Adopted To Aerial Self-Supporting Installation
- ◆ Access Network And Local Network In High Electromagnetic Interfering Places
- ◆ Long Distance And Local Area Network Communication

### 技术参数 (Technical Parameter) :

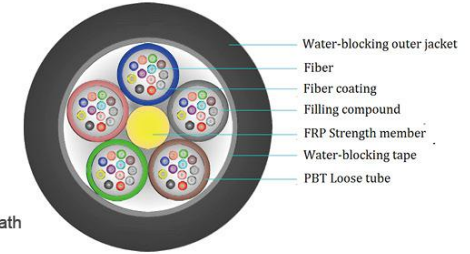
No.	纤芯数量 Fiber Count	外部尺寸 Outer Diameter(mm)	常规重量 Weight (Nominal)	最大拉伸力 Max. Pulling Strength	备注 Remark
		W * H (宽 * 高)	Kg/km (公斤 / 公里)	N (牛)	
1	1	3.0 * 6.0	21	600	Buffer 紧包
2	2	3.0 * 6.0	21	600	Buffer 紧包
3	4	5.0 * 8.0	35	600	Tube 松套管
4	6	5.0 * 8.0	35	800	Tube 松套管
5	8	5.0 * 8.0	36	800	Tube 松套管
6	12	5.0 * 8.0	37	800	Tube 松套管

以上数据仅供参考, 如有更改恕不另行通知。  
The above data is for reference only and subject to change without notice.

## 松套管绞式非金属加强芯非铠装光缆 --GYFTY Stranded Non-Metallic Loose Tube Cable

### 产品描述 (Description) :

- 非金属加强件
- 松套管绞填充式
- 聚乙烯外护套的通信室外光缆
- Non-Metallic Reinforcement
- Loose Tube Type Stranded And Jelly Filling
- Outdoor Optical Cable For Communication Of Polyethylene Outer Sheath



### 应用 (Application) :

- ◆ 管道
- ◆ 架空
- ◆ 长途和局域网通信
- ◆ Pipeline
- ◆ Aerial
- ◆ Long distance And Local Area Network Communication

### 技术参数 : ( Technical Parameter ) :

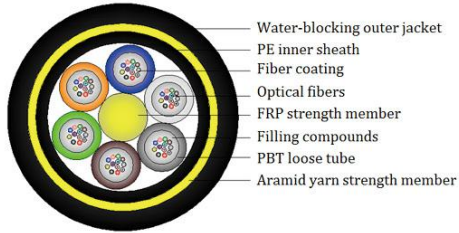
光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance(N)		允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term	动态 Dynamic	静态 Static	1310nm	1550nm		
2-36	10.0±0.2	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	90
38-72	11.2±0.2	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	90
96	11.8±0.2	600	1.5times the cable weight	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	110
120	12.5±0.2	600	1.5times the cable weight	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	133
144	13.8±0.2	600	1.5times the cable weight	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	161

以上数据仅供参考, 如有更改恕不另行通知。  
The above data is for reference only and subject to change without notice.

## 全介质自承式架空光缆 --ADSS All Dielectric Self Supporting Aerial Optical Cable

### 产品描述 (Description) :

- 非金属加强构件
- 松套管绞填充式
- 聚乙烯外护层的通信用室外全介质自承光缆
- Non-Metallic Reinforcing Member
- Loose Tube Type And,Stranded With Jelly Filling
- Outdoor All-Dielectric Self-Supporting Optical Cable For Communication Of Polyethylene Outer Sheath



### 应用范围 (Application) :

- ◆ 使用于电力杆架设的通信线路
- ◆ Communication Line Used For Power Pole Erection

### 技术参数 (Technical Parameter) :

光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	动态 Dynamic	静态 Static	1310nm	1550nm		
2-30	9.5	1000	3000	10D	20D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	86
32-60	10.2	1000	3000	10D	20D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	99
62-72	10.9	1000	3000	10D	20D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	123
74-84	12.2	1000	3000	10D	20D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	148
86-96	12.2	1000	3000	10D	20D	≤ 0.36	≤ 0.22	-40°C ~ +60°C	148

ADSS 光缆技术参数与光纤芯数, 跨距, 天气情况及弧垂要求等密切相关, 对每个实际工程都需要具体设计。根据电压等级及杆塔悬挂点要求决定是否采用耐电痕 AT 外护套。

The technical parameters of ADSS cable are closely related to the number of fiber cores, span, weather conditions and sag requirements. For each practical project, specific design is required. According to the voltage level and the requirements of the suspension point of the tower, it is decided whether to use the electric-resistant AT outer sheath.

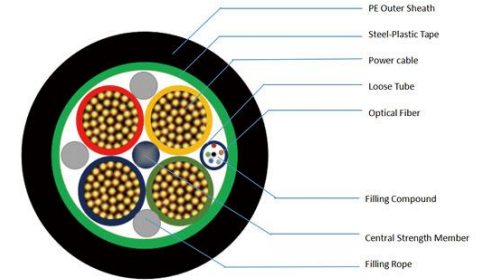
以上数据仅供参考, 如有更改恕不另行通知。

The above data is for reference only and subject to change without notice.

## 光电复合缆 Photoelectric Composite cable

### 产品描述 (Description) :

- 金属 (非金属) 加强构件
- 松套管绞填充式
- 干式结构
- 阻水带铝带纵包
- 聚乙烯外护套
- Metal (Non-Metallic) Reinforcing Member
- Loose Tube, Stranded Type, Jelly filling
- Dry Structure
- Water Blocking Strip Aluminum Strip Vertical Package
- Polyethylene Outer Sheath



### 应用 (Application) :

- ◆ 光纤通信和远端供电
- ◆ Fiber Optic Communication And Remote Power Supply

### 技术参数 (Technical Parameter) :

芯数 Fiber Count	电源线截面积 Powder Cable Cross Section Area	电源线数量 Power Cable Number	标称直径 Diameter	标称重量 Weight	允许拉力 Allowable Tensile Strength		最小弯曲半径 Minimum Bending Radius		允许压扁力 Allowable Crush Resistance	
					短期	长期	动态	静态	短期	长期
2-12	1.5	2	12.9	155	1500	600	30	15	1000	300
2-12	1.5	3	12.9	173	1500	600	30	15	1000	300
2-12	2.5	2	15.4	260	1500	600	50	25	1000	300
2-12	2.5	3	15.4	301	1500	600	50	25	1000	300
工作温度	-40°C ~ +70°C									

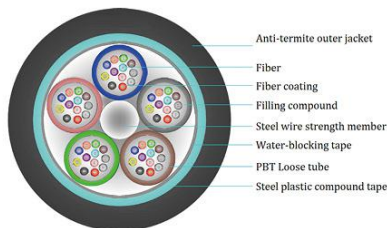
以上数据仅供参考, 如有更改恕不另行通知。

The above data is for reference only and subject to change without notice.

## 防鼠光缆 -GYTA/S04 Anti-Rodent Cable

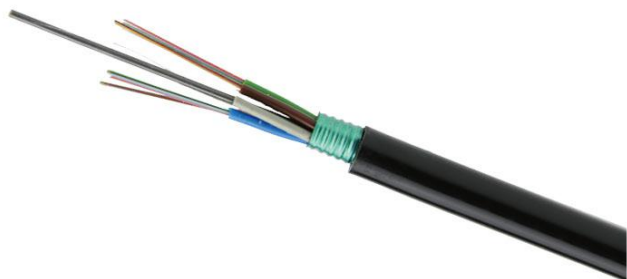
### 产品描述 (Description) :

- 金属加强构件
- 松套管绞填充式
- 钢 / 铝 - 聚乙烯粘结以及防鼠材料的护套的通信室外光缆
- Metal Reinforcing Member
- Loose Tube Stranded Type And Jelly Filling
- Outdoor Optical Cable For Communication Of Steel/Aluminum-Polyethylene Bonded Sheath With Anti-Rodent Material



### 应用 (Application):

- ◆ 管道
- ◆ 架空
- ◆ 长途通信
- ◆ Pipeline
- ◆ Overhead
- ◆ Long Distance Communication



### 技术参数 (Technical Parameter) :

光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance(N)		允许压扁力 Crush Resistance (N/100m)		最小弯曲半径 Mini Bending Radius (mm)		一般衰减 Attenuation (dB/km)		适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
		长期 Long Term	短期 Short Term	长期 Long Term	短期 Short Term	动态 Dynamic	静态 Static	1310nm	1550nm		
2-30	9.3	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	70
32-36	9.7	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	77
38-60	9.5	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	75
62-72	10.1	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	95
74-84	10.7	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	104
86-96	11.5	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	114
98-108	12.1	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	125
110-120	12.8	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	137
122-132	13.4	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	148
134-144	14.0	600	1500	300	1000	20D	10D	≤ 0.36	≤ 0.22	-40°C ~ +65°C	160

以上数据仅供参考, 如有更改恕不另行通知。

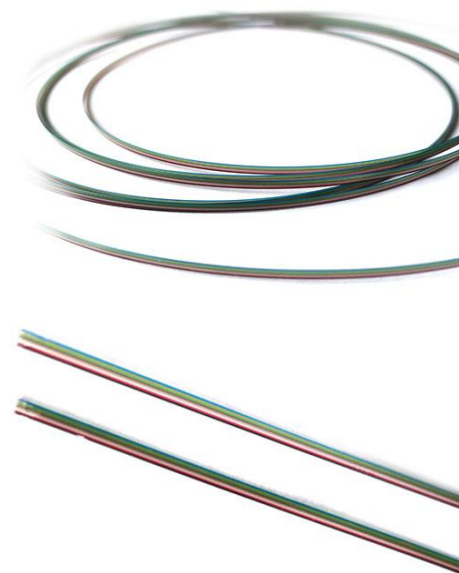
The above data is for reference only and subject to change without notice.

## 带状光纤 Ribbon fiber

### 产品描述 (Description) :

- 光纤带是大芯数光缆常用的一种产品结构, 光纤带附加衰减小, 几何尺寸控制优良

- The optical fiber ribbon is a common product structure of the large-core optical fiber cable, and the optical fiber ribbon has small additional attenuation and excellent geometric size control.



### 技术参数 (Technical Parameter) :

性能 Characteristic	要求 Requirement				
	芯数 ( Fiber Count )	带宽 ( Bandwidth )	带厚 ( Band Thickness )	芯间距 ( Core Span )	平整度 ( Flatness )
最大几何尺寸值 Maximum geometric dimension value	2	700	400	280	--
	4	1220	400	280	35
	6	1770	400	280	35
	8	2300	400	300	35
	12	3400	400	300	50
	24	6800	400	300	75
光学性能 (Optical Property )	光纤带附加衰减 ( Fiber band additional attenuation )				
	1550nm < 0.05db/km				
	其他光学性能符合光纤国标要求 ( Other optical properties meet the requirements of national standards for optical fiber )				

以上数据仅供参考, 如有更改恕不另行通知。

The above data is for reference only and subject to change without notice.

## 车间 Our Workshop



## 成品图 Our Product



## 包装图 Our Packing



### 光纤色谱

#### Fiber Chromatography

#### Standard Fiber Colour Identification

No. of fiber	1	2	3	4	5	6
Color of fiber	Blue	Orange	Green	Brown	Slate	White
No. of fiber	7	8	9	10	11	12
Color of fiber	Red	Black	Yellow	Violet	Pink	Aqua

**NOTE:**  
 a. The colour of fiber in loose tube is arranged from NO.1 colour successively  
 b. Other colour identifications available on request

#### Tube Full Colour Identification

Tube Number	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Slate	Natural	Red	Black	Yellow	Violet	Pink	Aqua

**NOTE:**  
 a. The colour of loose tube in cable is arranged from NO.1 colour successively

#### Indicatory colour Identification

Tube Number	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Red	Green	Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural

### 光纤种类

#### Fiber's Type

1) 单模: 单模光纤 (SMF) 是一种设计用于仅沿横向模式直接传输光的光纤。比如 G652D, G657A1, G657A2

1) Single Mode: a single-mode optical fiber (SMF) is an optical fiber designed to carry light only directly down the fiber - the transverse mode. Such as G652D, G657A1, G657A2

2) 多模: 多模光纤是一种主要用于短距离通信的光纤, 例如建筑物内或校园内。典型的多模链路在链路长度达 600 米 (2000 英尺) 时的数据速率为 10 Mbit/s 至 10 Gbit/s。多模光纤具有相当大的纤芯直径, 使得多种光模式能够传播, 并且由于模态色散而限制了传输链路的最大长度。比如 OM1, OM2, OM3, OM4。

2) Multi Mode: Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a campus. Typical multi-mode links have data rates of 10 Mbit/s to 10 Gbit/s over link lengths of up to 600 meters (2000 feet). Multi-mode fiber has a fairly large core diameter that enables multiple light modes to be propagated and limits the maximum length of a transmission link because of modal dispersion. Such as OM1, OM2, OM3, OM4.

### 外护套材料

#### Out Sheath Material

1) LSZH: 低烟无卤或无卤低烟 (LSZH 或 LSOH 或 LSOH 或 LSFH 或 OHLS) 是一种材料分类, 通常用于电线电缆行业的电缆护套。低烟无卤电缆护套由热塑性或热固性化合物组成, 当暴露于高温源时, 它们会产生有限的烟雾和无卤素。

1) LSZH: Low smoke zero halogen or low smoke free of halogen (LSZH or LSOH or LSOH or LSFH or OHLS) is a material classification typically used for cable jacketing in the wire and cable industry. LSZH cable jacketing is composed of thermoplastic or thermoset compounds that emit limited smoke and no halogen when exposed to high sources of heat.

2) 聚乙烯或聚丙烯 (缩写为 PE; IUPAC 名称聚乙烯或聚(亚甲基)) 是最常见的塑料。PE 通常是类似的乙烯聚合物与各种 n 值的混合物。聚乙烯是一种热塑性塑料; 然而, 它在改性时可以变成热固性塑料 (例如交联聚乙烯)。

2) PE: Polyethylene or polythene (abbreviated PE; IUPAC name polyethene or poly(methylene)) is the most common plastic. PE is usually a mixture of similar polymers of ethylene with various values of n. Polyethylene is a thermoplastic; however, it can become a thermoset plastic when modified (such as cross-linked polyethylene).

3) 聚氯乙烯是世界上第三大最广泛生产的合成塑料聚合物, 仅次于聚乙烯和聚丙烯。

3) PVC: Polyvinyl chloride is the world's third-most widely produced synthetic plastic polymer, after polyethylene and polypropylene.

4) TPU: 热塑性聚氨酯 (TPU) 是一种具有许多性能的聚氨酯塑料, 包括弹性, 透明度, 耐油, 油脂和耐磨性。从技术上讲, 它们是由线性嵌段共聚物组成的热塑性弹性体, 由硬链段和软链段组成。

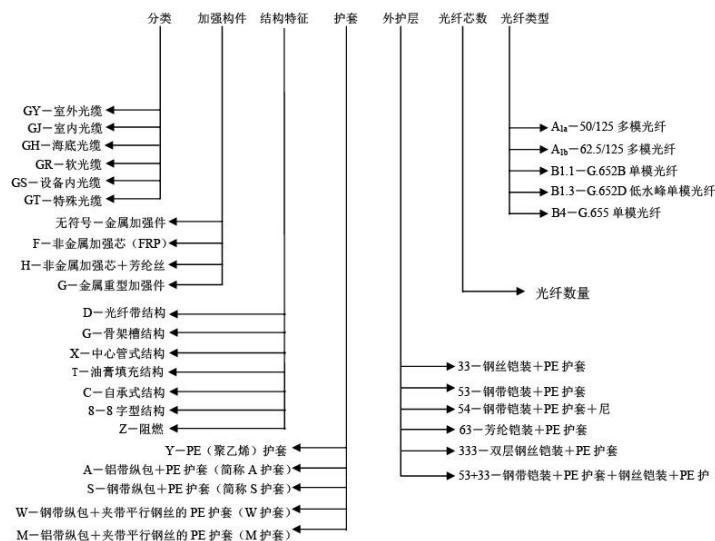
4) TPU: Thermoplastic polyurethane (TPU) is any of a class of polyurethane plastics with many properties, including elasticity, transparency, and resistance to oil, grease and abrasion. Technically, they are thermoplastic elastomers consisting of linear segmented block copolymers composed of hard and soft segments.

### 包装长度

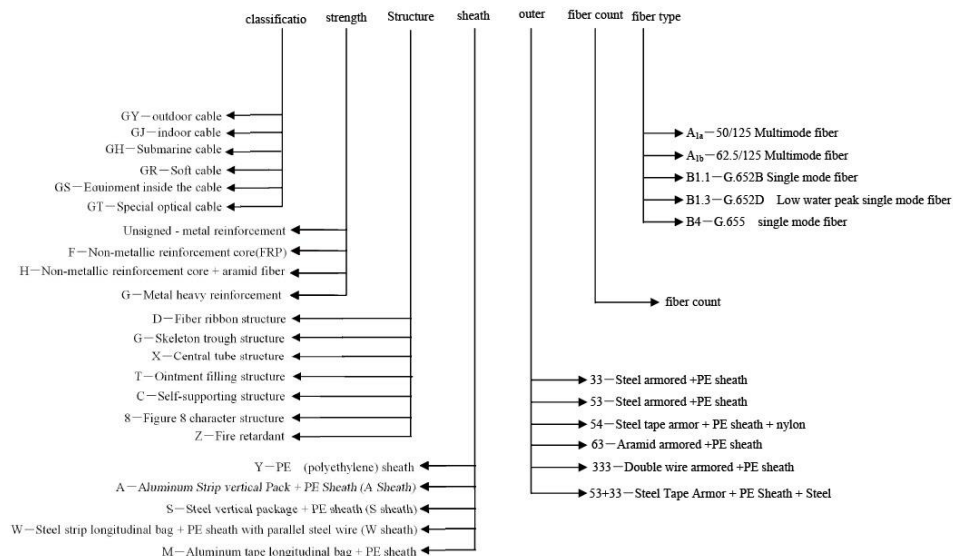
#### Packing Length

Drop cable usually packing 1km or 2km per drum, outdoor can pack 2km, 3km, 4km per drum, it can be customized

### 光缆的分类命名方法



### Optical cable classification and naming method (YD/T908-2000):



## FTTH Flat Drop Cable

### 产品描述 (Description) :

光纤位于由高模量塑料制成的松套管中。管中填充有防水填充化合物。两个 FRP 作为强力构件施加在内护套上，光缆用 PE 外护套完成。

The fibers, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. Two FRP as strength member applied over the inner sheath, the cable is completed with PE outer sheath.

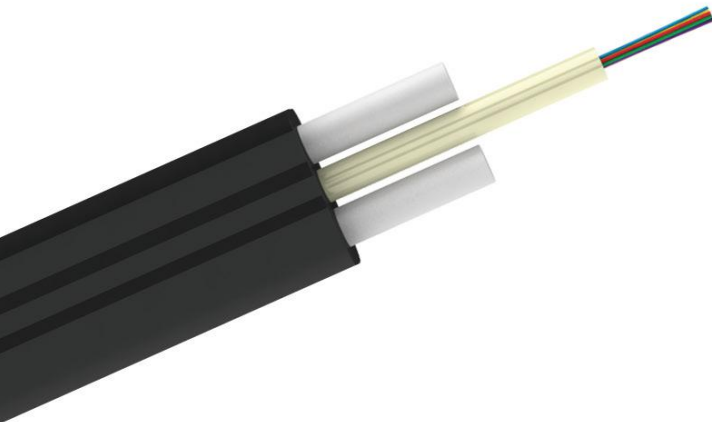
### 应用 (Application) :

架空  
Aerial

### 技术参数 (Technical Parameter) :

光纤芯数 Fiber Count	外径 Outer Dia. (mm)	允许拉伸 Tensile Resistance (N)	允许压扁力 Pressure Resistance (N/100m)	最小弯曲半径 Mini Bending Radius (mm)	适用温度范围 Operation Temperature (°C)	净重 N.W. (kg/km)
1-2	4.4x2.0	600	3000	10	-40 --+60	9.9
1-8	6.3x2.9	1200	3000	10	-40 --+60	19.8

以上数据仅供参考，如有更改恕不另行通知。  
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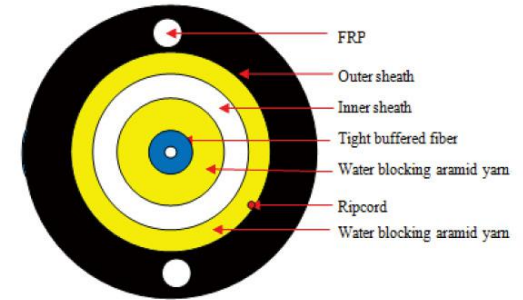


## 单芯拉远光缆 - GJYFJXY Outdoor Non Armored Optical cable

### 产品描述 (Description) :

产品描述：内部电缆容纳在电缆中。芳纶纱用作强度构件。HDPE 作为外部护套施加在电缆芯上。

An inner cable is housed in cable. Aramid yarns are applied as strength member. HDPE is applied over the cable core as outer sheath.



### 技术参数 (Technical Parameter) :

Item	Contents	Value
Tight Buffer	Fiber counts	1
	Diameter(mm)	0.9 ± 0.05
	Tight buffer color	Blue
Inner sheath	Material	LSZH
	Color	Ivory (RAL 9001 Δ E ≤ 4)
	Thickness (mm)	0.4 ± 0.1
Inner cable	Diameter	2.2 ± 0.1
Strength member	Material	Water blocking aramid yarn
Outer Sheath	Material	HDPE
	Color	Black
	Thickness (mm)	≥ 0.8
FRP	Diameter(mm)	0.6 ± 0.1
Ripcord (1 pcs)	Color	Red ( ≥ 1500 denier , should be able to rip a 5 m long sheath / armor structure without breaking)
Ovalling		≤ 10% O = 100.(Dmax-Dmin)/Dnom%
Cable diameter(mm).		5.0 ± 0.2
Cable weight(kg/km)		± 2

以上数据仅供参考，如有更改恕不另行通知。  
The above data is for reference only and subject to change without notice.