

## Bow-type Drop Cable for Duct (GJYXFHA)

(GJYXFHA) 管道用蝶形引入光缆

### Description 产品描述

The optical fibre unit is positioned in the center. Two parallel Fibre Reinforced Plastics (FRP) are placed at the two sides. After an aluminum polyethylene laminate (APL) moisture barrier is applied, the cable is completed with a black or color LSZH sheath. Finally, the cable is completed with PE sheath.

接入网用蝶形引入室内光缆是将光通信单元处于中心，两侧放置两根平行非金属加强元件(FRP)，挤制黑色低烟无卤护套。外包铝带防潮层，最后挤制PE护套成缆。

### Characteristics 产品特点

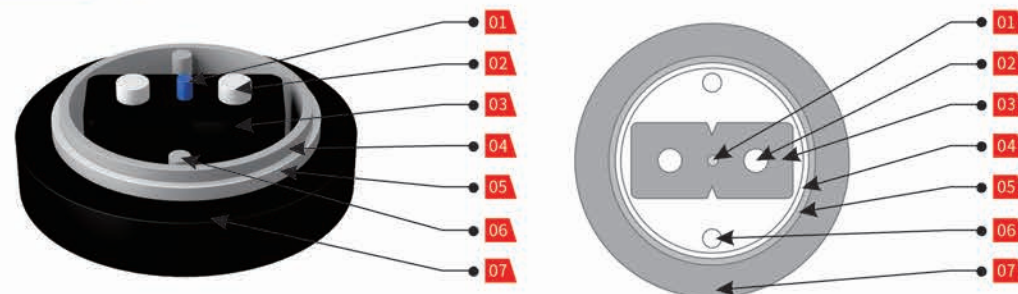
- Special low-bend-sensitivity fibre provides high bandwidth and excellent communication transmission proper  
特种耐弯光纤，提供更大的带宽，增强网络传输特性
- Two parallel FRP strength members ensure good performance of crush resistance to protect the fibre  
两根平行FRP使光缆具有良好的抗压性能，保护光纤
- Simple structure, light weight and high practicability  
光缆结构简单，重量轻，实用性强
- Novel flute design, easily strip and splice, simplify the installation and maintenance  
独特的凹槽设计，易剥离，方便接续，简化安装和维护
- Low smoke, zero halogen and flame retardant sheath  
低烟无卤阻燃护套，环保
- PE sheath protects cable from ultraviolet radiation  
PE护套具有很好的抗紫外线性能
- APL moisture barrier  
涂塑铝带(APL)防潮层

### Structure Drawing 结构图

#### Structure Drawing

结构图

- 01 Fibre 光纤
- 02 FRP Strength Member 非金属加强芯
- 03 LSZH Jacket 低烟无卤护套
- 04 Water-blocking Tape 阻水带
- 05 APL Tape 涂塑铝带
- 06 Strength Member 加强元件
- 07 PE Jacket PE护套



## Specifications 参数

### Technical Parameters 结构参数

Cable Model 光缆型号	Fiber Count 芯数	Cable Size 光缆尺寸 (mm)	Cable Weight (Ref) 光缆参考重量 (kg/km)	Tensile Strength 允许拉伸力 Long/Short term 长期/短期 (N)	Crush Resistance 允许压扁力 Long/Short term 长期/短期 (N/100mm)	Bending Radius 弯曲半径 Dynamic/Static 动态/静态 (mm)
GJYXFHA-1Xn	1	7.3	42	200/600	2000	10D/20D
GJYXFHA-2Xn	2	7.3	42	200/600	2000	10D/20D

Storage/Operating Temperature:-20°C~+60°C  
储存、使用温度:-20°C~+60°C

### Optical Characteristics 光学特性

Fiber Type 光纤类型	Attenuation 衰减				OFL 满注入带宽	Effective Mode Bandwidth 有效模式带宽	10 Gbit/s Ethernet Link Length 10G以太网链路长度	Minimum Bend Radius 最小弯曲半径
	1310/1550nm		850/1300nm					
Condition 条件	Typical Value 典型值	Maximum Value 最大值	Typical Value 典型值	Maximum Value 最大值	850/1300nm	850nm	850nm	/
Unit 单位	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G657A1	0.36/0.22	0.5/0.4	—	—	—	—	—	10
G657A2	0.36/0.22	0.5/0.4	—	—	—	—	—	7.5
Om3	—	—	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	30
Om4	—	—	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	30