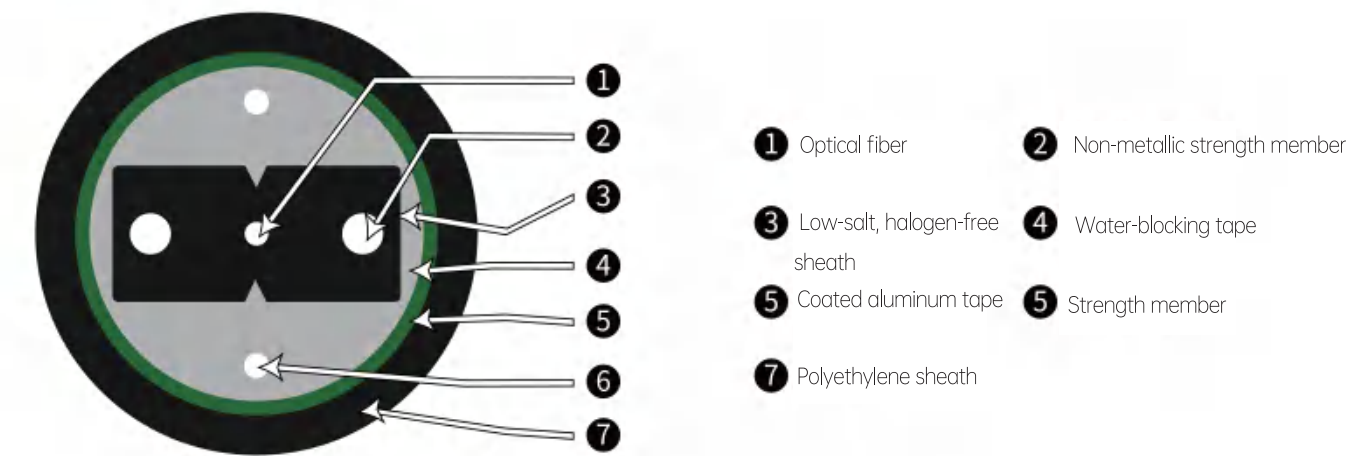


GJYXFHS

Pipeline Butterfly-shaped Introduction Optical Cable



Product Description

For conduit entry of optical cables, the butterfly introduction places the communication unit at the center, with two parallel non-metallic strength members (FRP) placed on both sides. An additional steel wire strength member is attached to the outer side, followed by extrusion with black low smoke zero halogen sheath. It is wrapped with a steel tape moisture-proof layer, and finally extruded with PE sheath to form the cable.

Product Feature

- ◆ Specialized bend-resistant optical fibers provide greater bandwidth and enhance network transmission characteristics.
- ◆ Single steel wire strength member provides excellent tensile performance to the optical cable.
- ◆ Two parallel FRP (Fiber Reinforced Plastic) strengthen the cable's compression resistance and protect the optical fibers.
- ◆ The cable has a simple structure, lightweight, and practical.
- ◆ Easy stripping facilitates splicing, simplifying installation and maintenance.
- ◆ Low smoke zero halogen flame-retardant sheath is environmentally friendly.
- ◆ PE outer sheath has excellent UV resistance.
- ◆ Double-sided coated steel tape enhances resistance to penetration and moisture.



Structural Parameters

Cable Model	Number of cores	Cable size (mm)	Reference Cable Weight (kg/km)	Allowable Tensile Force Long-term/Short-term (N)	Allowable Crush Force Long-term/Short-term (N)	Bending Radius Static/Dynamic (mm)
GJYXFHS-1Xn	1	7.4	59	200/600	2000	10D/20D
GJYXFHS-2Xn	2	7.4	59	200/600	2000	10D/20D

Storage/Operating Temperature: -20°C to +60°C

Optical Characteristics

Fiber Type	Attenuation				Fully Loaded Bandwidth	Effective Modal Bandwidth	10G Ethernet Link Length	Minimum Bending Radius
Condition	1310/1550nm		850/1300nm		850/1300nm	850nm	850nm	/
	Typical Value	Max Value	Typical Value	Max Value				
Unit	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	≥500/500	≥2000	≤300	30
OM4	---	---	3.0/1.0	3.5/1.5	≥200/500	≥4700	≤550	30

Delivery Length

Recommended Length: 2000m; other lengths can be provided according to customer requirements.

Note:
This document is for reference only and cannot be used as an attachment to the contract.
For detailed product information, please contact our sales staff.