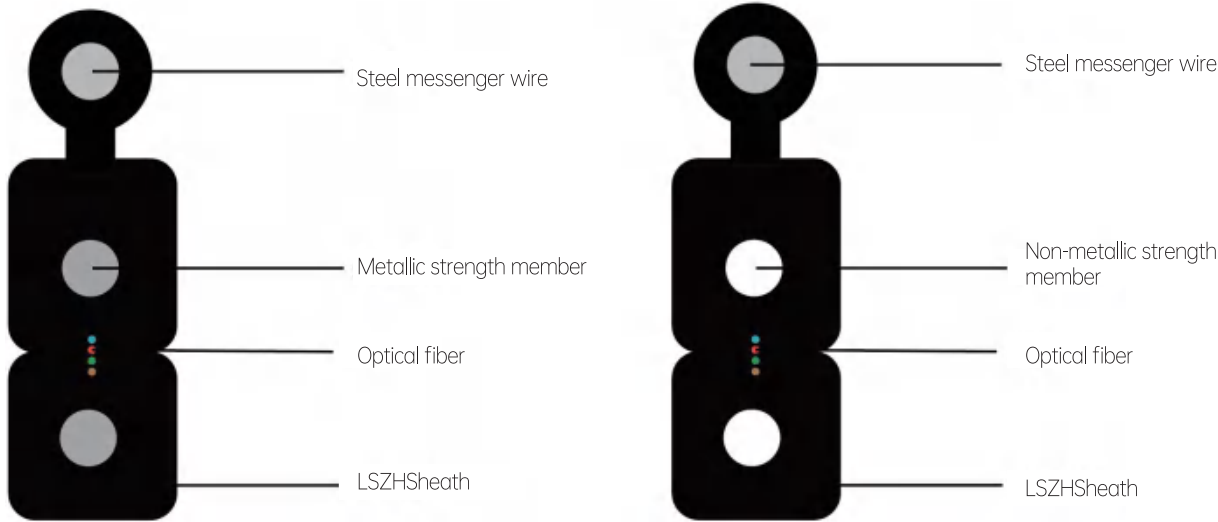


Self-supporting Butterfly-shaped Introduction Indoor Optical Cable for Access Network77



Product Description

For self-supporting access network, the butterfly introduction of indoor optical cable positions the communication unit in the center, with two parallel non-metallic strength members (FRP) placed on both sides. Additionally, an outer steel wire strength member is attached, and finally, it is extruded with black or colored low smoke zero halogen 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.



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 Rodius Static/Dynamic (mm)
GJYXFCH-1Xn	1	(2.0±0.1)X(5.0±0.1)	20	300/600	1000/2200	15/30
GJYXFCH-2Xn	2	(2.0±0.1)X(5.0±0.1)	20	300/600	1000/2200	15/30
GJYXFCJH-1Xn	1	(2.0±0.1)X(5.6±0.1)	21	300/600	1000/2200	15/30
GJYXFCDH-4Xn	4	(2.0±0.2)X(6.0±0.2)	22	300/600	1000/2200	15/30

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 Rodius
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.