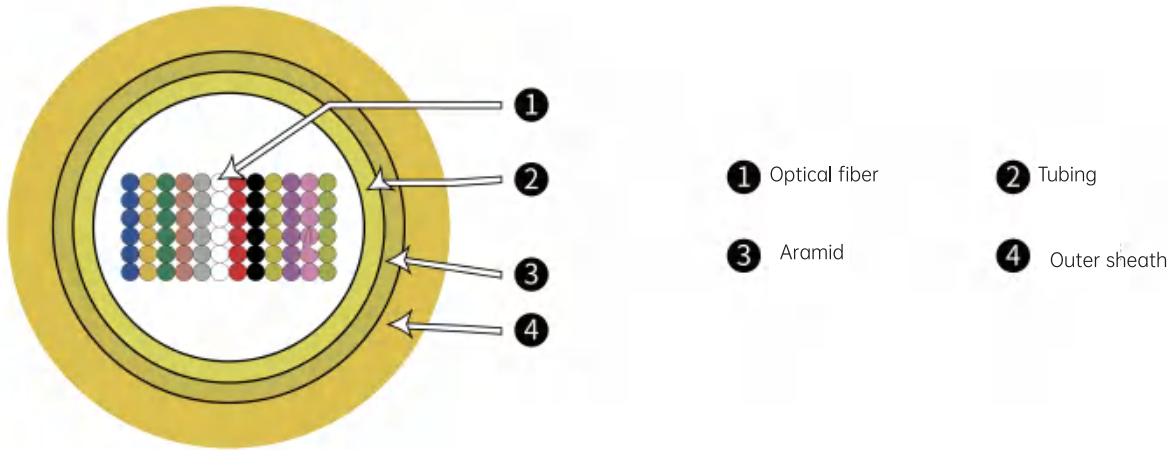


GJFDV

Indoor Fiber Ribbon Optical Cable



Product Description

The indoor ribbon fiber optic cable utilizes ribbon fiber as the optical transmission medium, which is enclosed in a loose tube made of high modulus material, and then wrapped with a layer of aramid strength member. Finally, it is extruded with a layer of polyethylene sheath.

Product Feature

Using ribbon fiber achieves high integration.

Aramid yarn strength members provide outstanding tensile performance for the cable.

◆The outer sheath material offers corrosion resistance, waterproofing, flame resistance, and environmental friendliness.

Product Applications

- Indoor wiring
- Interconnection of instruments and communication equipment.



Structural Parameters

Cable Model	Composition of optical cable cores	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)
GJFDV-X-48Xn	12Fx4	84	200/660	300/1000	25D/12.5D
GJFDV-X-72Xn	12Fx6	90	200/660	300/1000	25D/12.5D
GJFDV-X-96Xn	12Fx8	100	200/660	300/1000	25D/12.5D
GJFDV-X-144Xn	12Fx12	125	200/660	300/1000	25D/12.5D

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
50/125	---	---	3.0/1.0	3.5/1.5	≥500/500	---	---	30
62.5/125	---	---	3.0/1.0	3.5/1.5	≥200/500	---	---	30
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
BI-OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	7.5
BI-OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	7.5

Operating/Storage/Use Temperature: -20°C to +60°C, Installation Temperature: -5°C to +50°C.

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.