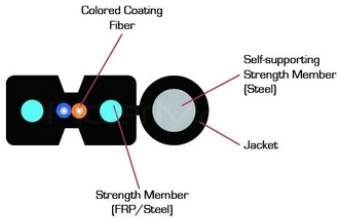
Customized Self Supporting Bow Type Drop Cable Single Mode For Base Station

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: ISO, UL, CE, RoHS
- Model Number: FTTH-S2-G7-L-BK-1KM
- Minimum Order Quantity: 1-2km
- Price: Negotiable
- Packaging Details: Wooden Drum
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 1000 Pieces



Product Specification

- Name: Bow Type Drop Cable
- Core: 2 Core
- Fiber Type: Single Mode
- Cable Structure: Round
- Jacket Material: Black Polyethylene (PE)
- Applications: Base Station
- Cable Length: Customized
- Fiber Brand: Yofc/Ofs/Corning
- Operating Temperature: -40°c~+80°c
- Highlight: **Bow Type Drop Cable Single Mode**, **Self Supporting Bow Type Drop Cable**, **Customized Self Supporting Drop Cable**

Product Description

Self-supporting Bow-type Drop Cable

Self supporting Bow type Drop Cable is a self-supporting fiber optic cable that combines the flexibility of indoor flexible cables with the strength characteristics of self-supporting cables. This type of cable is typically used for FTTH (Fiber to the Home) or FTTP (Fiber to the Desktop) deployment, making it particularly suitable for rapid installation and deployment in indoor and outdoor environments.
we manufactures a wide range of cables from 2-144fibers with a variety of designs to meet the demands of most installation conditions. Only the highest quality materials are used in our fiber optic cables to ensure that the cable strength and optical integrity are not compromised. Rugged jacket materials and the addition of armor provide the right level of protection.

Features

1. Good mechanical and environmental characteristics;
2. Flame retardant characteristics meet the requirements of relevant standards;
3. The mechanical characteristics of the jacket meet the requirements of relevant standards;
4. Soft, flexible, easy to lay and splice, and with big capacity data transmission;
5. Meet various requirements of the market and clients.

Application

1. Used in the access network or as access cable from outdoor to indoor in customer premises network;
2. Used as access building cable in the premises distribution system, especially used in indoor or outdoor aerial access cabling.

Specification

Cable Parameter			
Item		Specification	
Fiber Count		2	4
Sub-unit Jacket	Material	LSZH	
	Thickness	0.4mm±0.05mm	
	OD	2.0mm±0.2mm	
Armored Layer	Material	SUS204	
	OD	4.8mm±0.3mm	6.0mm±0.3mm
	Thickness	0.4mm±0.05mm	
	Gap	0.3mm±0.10mm	
Strength Member		Aramid Yarn	
Outer Jacket	Material	LSZH	
	Color	Black	
	Thickness	0.9mm±0.1mm	1.1mm±0.1mm
	OD	7.0mm±0.3mm	7.5mm±0.1mm 8.0mm±0.1mm

Mechanical and Environmental Characteristics			
Item		Specification	
Fiber Count		2	4
Tension Resistance (N)	Long Term	≥ 600	≥ 800
	Short Term	≥ 1000	≥ 1200
Crush Resistance (N/10cm)		≥ 3000	
Nominal Weight (kg/km)		65	85
Operating Temperature (ºC)		-40 ~ +80	
Storage Temperature (ºC)		-40 ~ +80	

Fiber Parameters					
Single Mode					
Item		Unit	G652D	G657A1	G657A2
Mode Field Diameter	1310nm	μm	9.1±0.4	8.8±0.4	8.8±0.4
	1550nm	μm	10.4±0.5	9.8±0.5	9.8±0.5
Cladding Diameter		μm	125±1	125±0.7	125±0.7
Cladding Non-circularity		%	≤ 1	≤ 0.7	≤ 0.7
Core-cladding Concentricity Error		μm	≤ 0.6	≤ 0.5	≤ 0.5
Coating Diameter		μm	245±7	245±5	245±5
Coating Non-circularity		%	≤ 6.0	≤ 6.0	≤ 6.0
Cladding-coating Concentricity Error		μm	≤ 12.0	≤ 12.0	≤ 12.0
Cable Cutoff Wavelength		nm	≤ 1260	≤ 1260	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤ 0.4	≤ 0.4	≤ 0.4
	1550nm	dB/km	≤ 0.3	≤ 0.3	≤ 0.3

Multimode						
Item	Unit	62.5/125	50/125	OM3-150	OM3-300	OM4
Core Diameter	μm	62.5±2.5	50±2.5	50±2.5	50±2.5	50±2.5
Cladding Diameter	μm	125±1.0	125±1.0	125±1.0	125±1.0	125±1.0
Core Non-circularity	%	≤ 5.0	≤ 5.0	≤ 5.0	≤ 5.0	≤ 5.0
Cladding Non-circularity	%	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0
Core-cladding Concentricity Error	μm	≤ 1.5	≤ 1.5	≤ 1.0	≤ 1.0	≤ 1.0
Coating Diameter	μm	245±7	245±7	245±7	245±7	245±7
Coating Non-circularity	%	≤ 6.0	≤ 6.0	≤ 6.0	≤ 6.0	≤ 6.0

Cladding-coating Concentricity		μm	≤ 12.0	≤ 12.0	≤ 12.0	≤ 12.0	≤ 12.0
OFL Bandwidth	850nm	MHz·km	≥ 160	≥ 500	≥ 700	≥ 1500	≥ 3500
	1310nm	MHz·km	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500
Attenuation Coefficient	850nm	dB/km	≤ 3.0	≤ 3.0	≤ 3.0	≤ 3.0	≤ 3.0
	1310nm	dB/km	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0

FAQ

Q1: What is the warranty of FiberMania's fiber patch cord?
A: FiberMania warrants that all fiber patch cords supplied are free from defects in material and workmanship for a period of five (5) years from the date of supply. All fiber optic bulk cables are UL profiled and every single cable is 100% tested.

Q2: Is it possible to customize our brand information on your fiber cable?
A: Yes, we can print your brand name onto our cable jacket and 1KM total cable length is requested.

Q3: Can you do 3D interferometer test?
A: Yes, we do the 3D test per our customer's request, we can have the pass rate over 90% and even 100% if necessary.

Q4: What is your MOQ of your products?
A: We only have MOQ for some special customized cable order, we request 1km as the total length of the bulk cable, you may consider stock the bulk cable with us for your urgent order production.

Q5: Are free samples available from you?
A: Yes, we are always happy to offer the free samples for all of our customers' projects provided that the total cost is under 50 US dollars.

Q6: Do you accept OEM and ODM orders?
A: Absolutely yes, we have been doing OEM services since we start in this business, and for every single label, printing, bag and carton design, we always treat it seriously and do it nicely. Our engineers can help you with your current design and even can open the new tooling for your specific project.

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