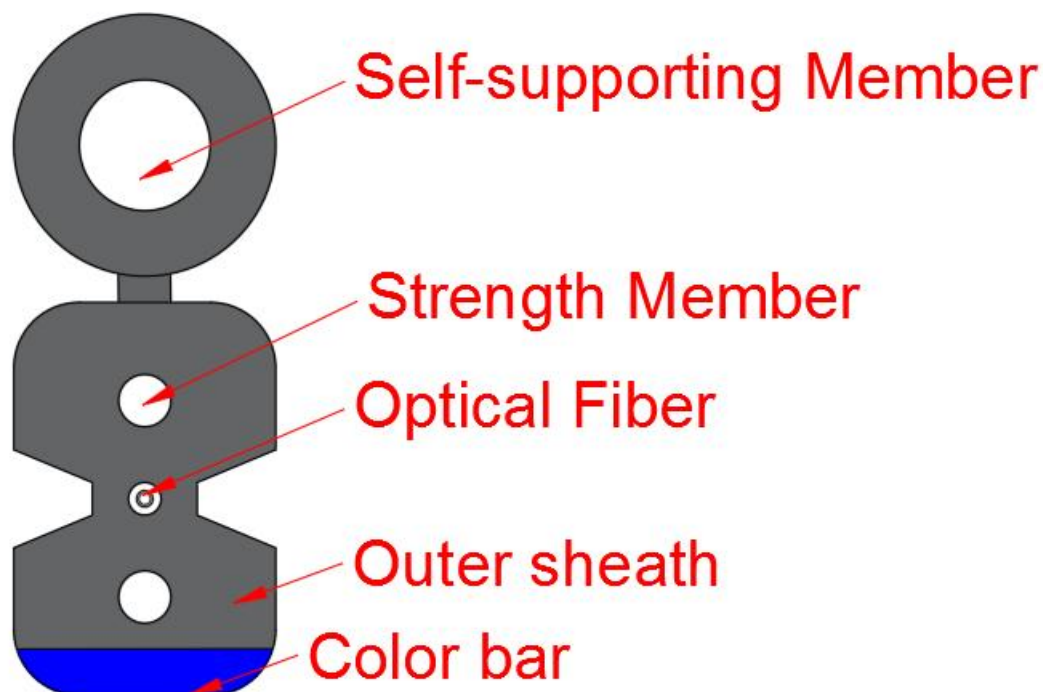


Article color color Self-supporting Bow-type Drop Cable GJYXCH-1-4X

Structure Diagram:



Optical parameters and properties:

Single-mode

Fiber type		G652D (1310/1550nm)	G657A1 (1310/1550nm)	G657A2 (1310/1550nm)	G657B3 (1310/1550nm)
Attenuation	Typical	0.36/0.22	0.36/0.22	0.36/0.22	0.36/0.22
	Maximum	0.4/0.3	0.4/0.3	0.4/0.3	0.4/0.3
Zero Dispersion Slope		$\leq 0.091 \text{ ps/km} \cdot \text{nm}^2$	$\leq 0.092 \text{ ps/km} \cdot \text{nm}^2$	$\leq 0.092 \text{ ps/km} \cdot \text{nm}^2$	$\leq 0.092 \text{ ps/km} \cdot \text{nm}^2$
Dispersion(1285~1340nm)		-3.5 – 3.5ps/(nm·km)	-3.5 – 3.5ps/(nm·km)	-3.5 – 3.5ps/(nm·km)	-3.5 – 3.5ps/(nm·km)
Mode field Diameter(@1310nm)		9.1±0.4 μm	8.8±0.4 μm	8.8±0.4 μm	8.6±0.4 μm
Cutoff wavelength cable(nm)		$\leq 1260 \text{ nm}$	$\leq 1260 \text{ nm}$	$\leq 1260 \text{ nm}$	$\leq 1260 \text{ nm}$
Min bend radius(mm)		16 mm	10 mm	7.5 mm	5 mm
Cladding diameter(μm)		125±1.0	125±1.0	125±1.0	125±1.0

Multi-mode

Fiber type		62.5/125μm (850/1300nm)	50/125μm (850/1300nm)	OM2+ (850/1300nm)	OM3 (850/1300nm)	OM4 (850/1300nm)	OM5 (850/953/1300nm)
Attenuation	Typical	3.0/1.0	3.0/1.0	3.0/1.0	3.0/1.0	3.0/1.0	3.0/---/1.0
	Maximum	3.5/1.5	3.5/1.5	3.5/1.5	3.5/1.5	3.5/1.5	3.5/---/1.5
Bandwidth(MHz·km)		≥200/≥500	≥400/≥500	≥700/≥500	≥1500/≥500	≥3500/≥500	≥3500/≥1850/≥500
Effective modal bandwidth		----/----	----/----	≥950	≥2000/----	≥4700/----	≥4700/≥4700/---
10 Gigabit Ethernet SX (M)		----/----	----/----	----/----	≤300/----	≤550/----	40GBASE-SR4/100GB ASE-SR10@850--200M
Min bend radius(mm)		16 mm	10 mm	7.5 mm	7.5 mm	7.5 mm	7.5 mm
Cladding diameter(μm)		125±1.0	125±1.0	125±1.0	125±1.0	125±1.0	125±1.0

Product structure:

Items		Descriptions
Optical Fiber	Fiber count	1
	Color	Blue
Suspension reinforced member	Material	Steel wire
Sheath	Material	LSZH
	Color	Black
	Color bar Color	Blue
	Strength Member Material	Steel wire
	Strength Member Diameter	0.4-0.45mm
	Diameter	2.0(±0.2)*5.2(±0.2)mm

Mechanical and Environmental Characteristics:

Items		Descriptions	
Tensile Strength		short-term	600N
		long-term	300N
Crush Resistance		short-term	2200N/100mm
		long-term	1000N/100mm
Temperature Range		-40℃ -+70℃	
Bending Radius	Dynamic	≥20D	
	Static	≥10D	

Packing

Packing: 1.0-2.0 KM/Drum

Drum

Drum: Each single length of cable shall be wound on a wooden composite drum. Export type disc. Cables should be protected from moisture; kept away from high temperature and fire sparks; protected from over bending and crushing;

protected from mechanical stress and damage.

Cable Marking

Cable Marker every Meter by inkjet printing:

Year of manufacture

Type of Cable

Number of fiber

Cable length

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According to customer or our company request .