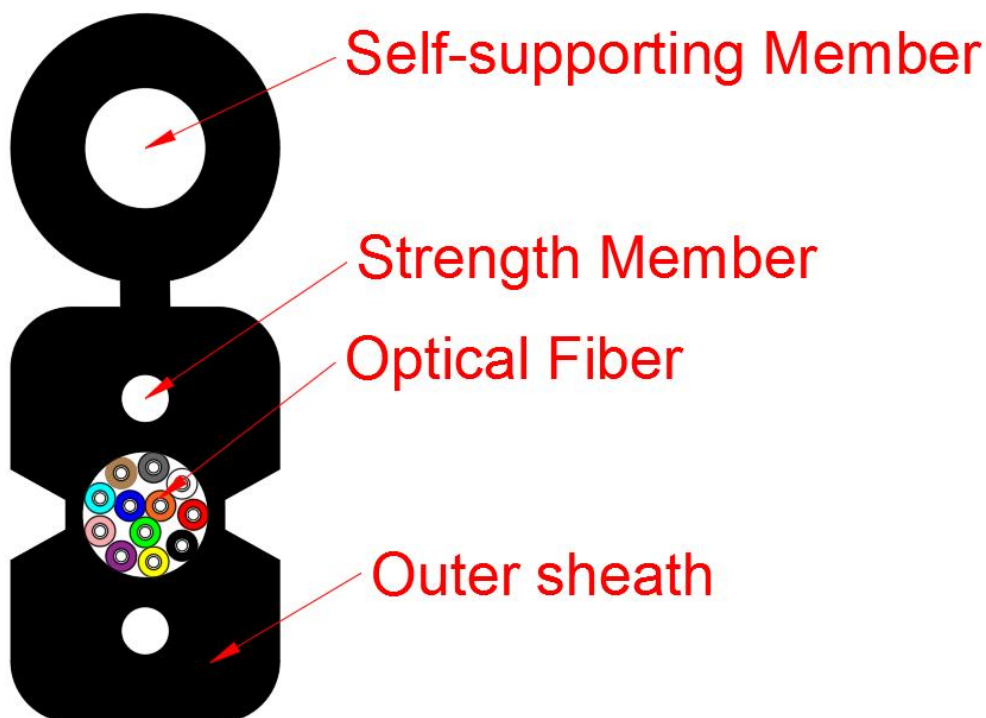


Self-supporting Bow-type Drop Cable GJYXCH-12X

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)		$9.1 \pm 0.4 \mu\text{m}$	$8.8 \pm 0.4 \mu\text{m}$	$8.8 \pm 0.4 \mu\text{m}$	$8.6 \pm 0.4 \mu\text{m}$
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	12	
	Color	Blue Orange Green Brown Grey White Red Natural Yellow Violet Pink Aqua	
Suspension member	reinforced	Material	Steel wire
Sheath	Material		LSZH
	Color		Black
	Strength Member Material		Steel wire
	Strength Member Diameter		0.4-0.5mm
	Diameter		2.2±0.2*5.6±0.4 mm
weight ±5%KG/KM		24.8	

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. Twisted wood shaft wrapped in paper. To drag the packing.

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

According to customer or our company request .