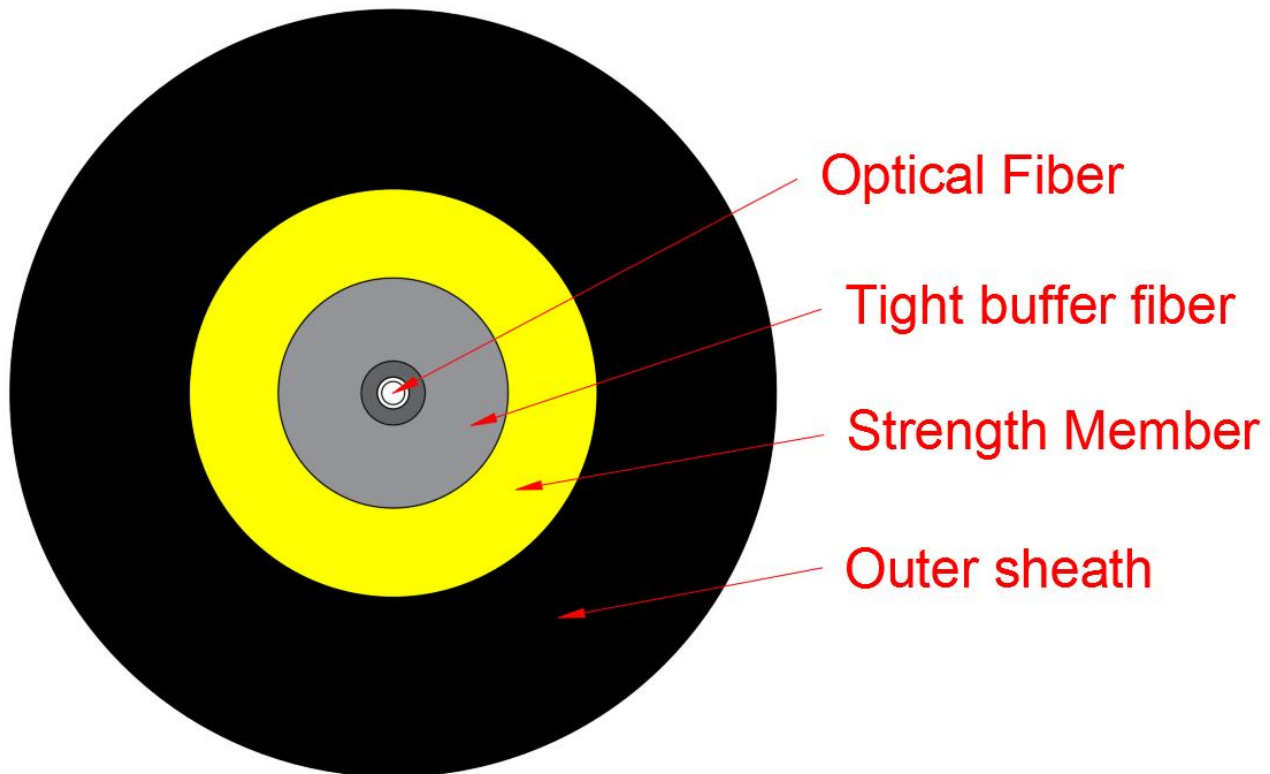


Miniature ADSS Dorp Cable

GYFJU-1X

Structure Diagram



Cable Dimensions and Constructions

Items		Descriptions
Optical Fiber	Fiber count	1
	Color	Blue
Tight buffer fiber	Color	Blue
	Material	High modulus thermoplastic materials
Strength Member	Material	Aramid yarn
Sheath	Material	PUR Anti-UV
	Color	Black
	Diameter	3.0±0.15mm
weight	±5%KG/KM	9.0

Fiber Attenuation

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		≤0.091 ps/km·nm ²	≤0.092 ps/km·nm ²	≤0.092 ps/km·nm ²	≤0.092 ps/km·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)		≤1260 nm	≤1260 nm	≤1260 nm	≤1260 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

Mechanical and Environmental Characteristics

Items		Descriptions	
Tensile Strength		short-term	1000N
		long-term	500N
Crush Resistance		short-term	1000N/100mm
		long-term	300N/100mm
Temperature Range		-30℃-+70℃	
Bending Radius	Dynamic	≥20D	
	Static	≥10D	

Packing

Wooden Drums Protection. Wooden Drums Protection Carton Packaging.
According to customer or our company request.

Delivery Length

Standard Reel Length: 0.4-2.0km
According to customer or our company request.

Marking

Cable Marker every Meter by inkjet printing
-Year of manufacture
-Type of Cable
-Number of fiber
-Cable length
-Etc
According to customer or our company request .