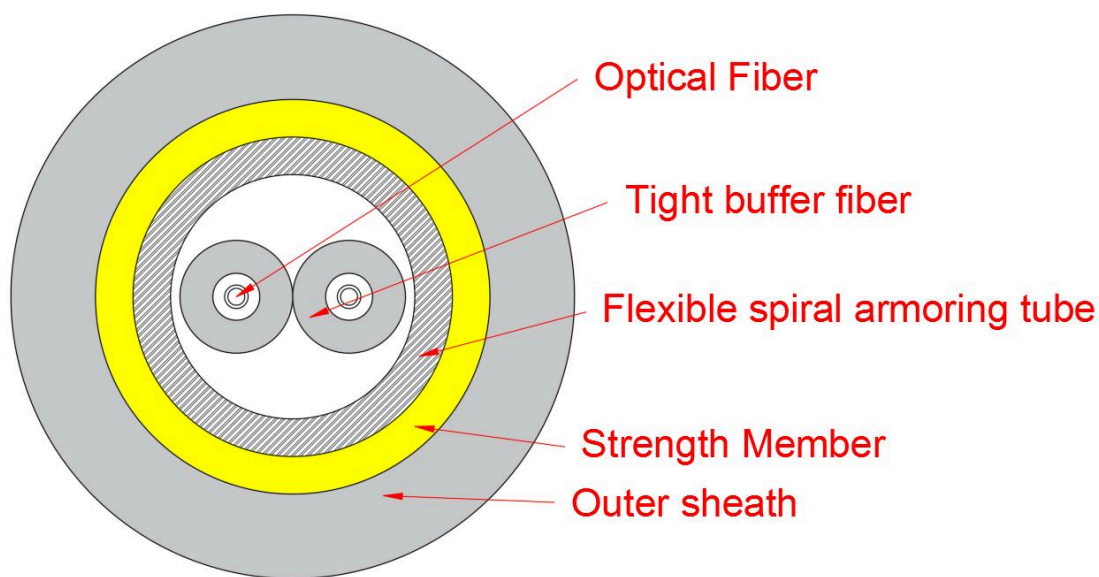


Armoured Multi-purpose Distribution cabling cable

GJYPFJKH-2X

Structure Diagram



Cable Dimensions and Constructions

Items		Descriptions
Optical Fiber	Fiber count	2
	Color	Natural color
Tight buffer fiber	Color	Blue Orange
	Material	PVC
	Diameter	0.85±0.05mm
Flexible spiral armoring tube	Material	SUS200CU
	Diameter	2.8±0.1mm
	Thickness	0.2±0.05mm
	The inner diameter	2.4±0.1mm
	Clearance	0.2±0.05mm
Strength Member	Material	Aramid yarn
Sheath	Material	LSZH Anti-UV
	Color	According to customer's request or our company's request
	Diameter	4.8±0.2mm
	Thickness	0.9±0.15mm

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		$\leq 0.091 \text{ ps/km} \cdot \text{nm}^2$	$\leq 0.092 \text{ ps/km} \cdot \text{nm}^2$	$\leq 0.092 \text{ ps/km} \cdot \text{nm}^2$	$\leq 0.092 \text{ ps/km} \cdot \text{nm}^2$
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)		$\geq 200/\geq 500$	$\geq 400/\geq 500$	$\geq 700/\geq 500$	$\geq 1500/\geq 500$	$\geq 3500/\geq 500$	$\geq 3500/\geq 1850/\geq 500$
Effective modal bandwidth		----/----	----/----	≥ 950	$\geq 2000/\text{----}$	$\geq 4700/\text{----}$	$\geq 4700/\geq 4700/\text{---}$
10 Gigabit Ethernet SX (M)		----/----	----/----	----/----	$\leq 300/\text{----}$	$\leq 550/\text{----}$	40GBASE-SR4/100GBASE-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	700N
		long-term	300N
Crush Resistance		short-term	3000N/100mm
		long-term	1500N/100mm
Temperature Range		-20℃ -+60℃	
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:0.5-2.0km/drum. 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 .