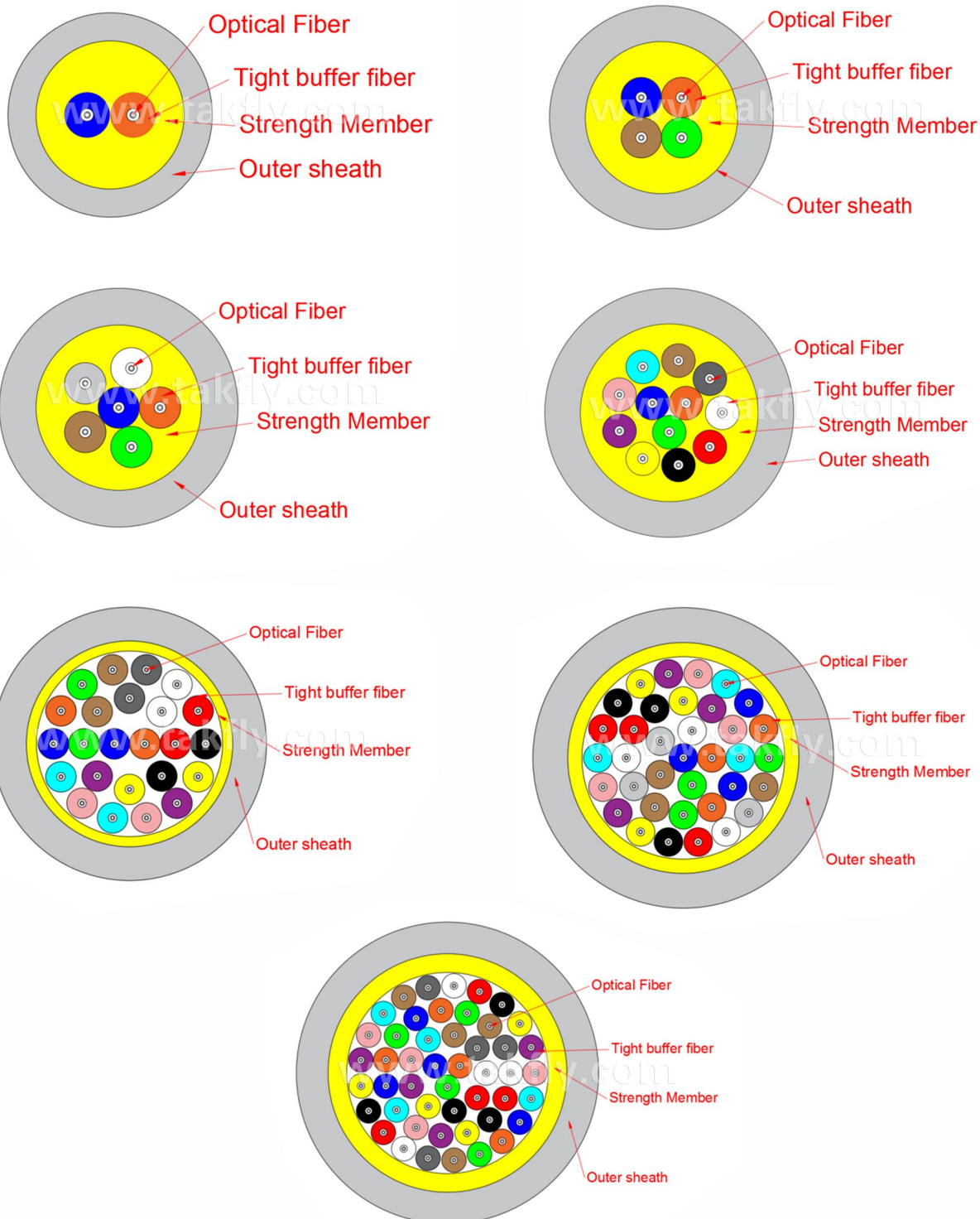


Multi-Purpose Distribution Cable

GJPFJH/V-2/4/6/12/24/36/48X

Structure Diagram



Cable Dimensions and Constructions

Items		Descriptions
Optical Fiber	Fiber count	2/4/6/12/24/36/48
	Color	Natural color
Tight buffer fiber	Color	Blue Orange Green Brown Grey White Red Black Yellow Violet Pink Aqua
	Subunit Differentiation	The color wheel to distinguish
	Material	CPR/OFNG/OFNR/OFNP
	Diameter	0.85±0.05mm
Sheath	Material	CPR/OFNG/OFNR/OFNP
	Strength Member	High tensile tensile yarn
	Diameter	4.0±0.3mm (2X) 5.0±0.3mm (4X) 5.2±0.5mm (6X) 6.3±0.5mm (12X) 8.5±0.5mm (24X) 9.5±0.5mm (36X) 10.5±0.5mm (48X)
	Thickness	0.6±0.15mm (2X) 0.8±0.15mm (4X) 0.8±0.15mm (6X) 0.9±0.15mm (12X) 1.0±0.15mm (24X) 1.1±0.15mm (36X) 1.1±0.15mm (48X)
	Color	According to customer's request or our company's request

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	400N(≤12x) 600N (> 12x)
		long-term	200N(≤12x) 300N (> 12x)
Crush Resistance		short-term	1000N/100mm
		long-term	500N/100mm
Temperature Range		-20℃ -+60℃	
Bending Radius	Dynamic	≥20D	
	Static	≥10D	

Packing

Wooden Drums Protection.

According to customer or our company request.

Delivery Length

Standard Reel Length:0.5-2.0km

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 .