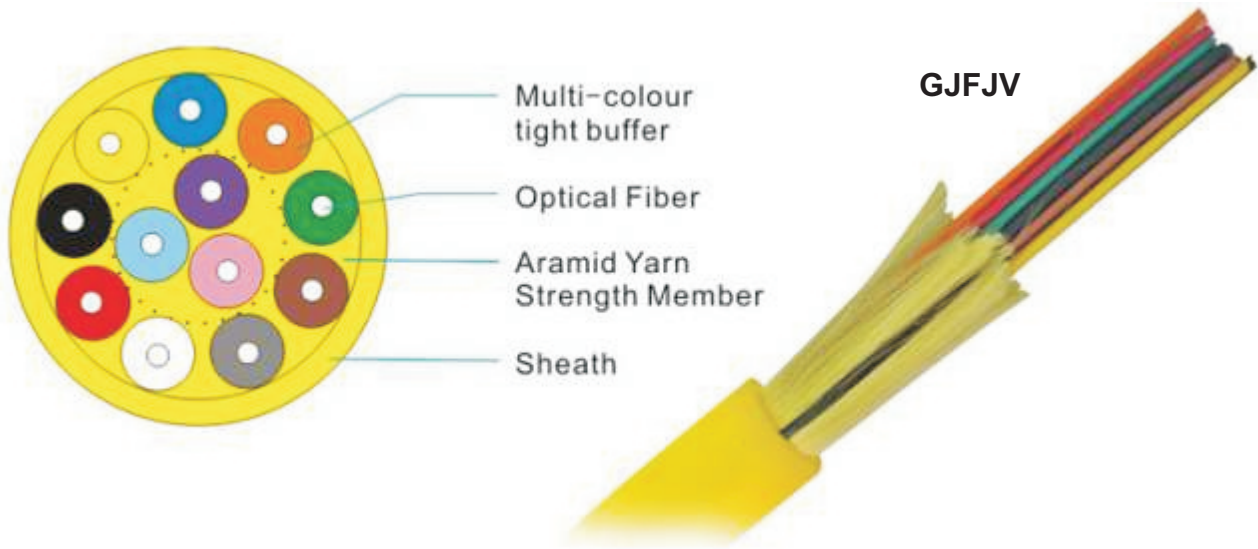


Distribution Optical Fiber Cable



Features:

High strength aramid yarn ensures high tensile strength and long-term stability in transmission. It possesses the properties of small outer diameter, lightweight, flame-retardant, easy to strip, low attenuation, physically soft.

It allows direct splicing between tight-buffered cables without the need to go through patch panel and pigtails. It is suitable for installation and operation and also convenient for maintenance.

Applications:

- Building to building interconnection, indoor distribution
- As pigtail of the instrument-type communication equipment
- As the moveable connect lines for patch cords and connectors

Mechanical & Environmental characteristics:

ITEM	CHARACTERISTICS
Operation Temperature	-20 °C~+60°C
Storage Temperature	-40 °C~+85°C
Riser UL/cUL Rated	Type OFNR/OFN FT4
Plenum UL/cUL Rated	Type OFNP/OFN FT6
Jacket Material	PVC or LSZH or Plenum

Distribution Optical Fiber Cable

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius		Max. Tensile Strength		Max. Crush Resistance
			Loaded	Installed	Short Term	Long Term	
	mm	kg/km	mm	mm	N	N	N/100mm ²
4	4.8	19	20D	10D	270	90	1000
6	5.2	23	20D	10D	330	110	1000
8	6.2	29	20D	10D	480	160	1000
12	6.8	38	20D	10D	600	200	1000
16	7.4	53	20D	10D	660	220	1000
24	8.2	60	20D	10D	720	240	1000

Optical Characteristics:

Glass Type	62.5/125um	62.5/125um	50/125um	50/125um	50/125um	SM (G652)
	Grade B	Grade A	Grade B	Grade A	OM3	
P/N Code(X)	62B	62A	50B	50A	OM3	09
Operating Wavelength	850/1300nm	850/1300nm	850/1300nm	850/1300nm	850/1300nm	1310/1550nm
Bandwidth (MHz.km)	160/500	200/600	200/500	400/800	1500/500	-
Attenuation (dB/km)	3.50/1.50	3.00/1.00	3.50/1.50	3.00/1.00	2.70/0.80	0.45/0.30
Link Length For 1000M	200/500	275/550	500/550	550/550	1000/600	-
Link Length For 10G	-	-	-	-	300/	-

Tight Buffer Fiber Colour:

1	2	3	4	5	6	7	8	9	10	11	12
WH-White	BL-Blue	OR-Orange	GR-Green	BR-Brown	GY-Grey	RE-Red	BK-Black	YE-Yellow	PU-Purple	PI-Pink	AQ-Aqua

Note: The colour of tight buffer fibers is arranged from No.1 colour successively.

Note:

1. See details of fibre specification in relevant Corning literature
2. The colour identification of the buffer layer complies with the standard colour identification set in GB13993.3-2001 Standard
3. S: short term; L: long term; T. B: tight buffer
4. Crush load: N/100mm; D: cable diameter

* SM cable:yellow; MM cable:orange;
options available for other colours,LSZH or flame-retardant materials upon request.