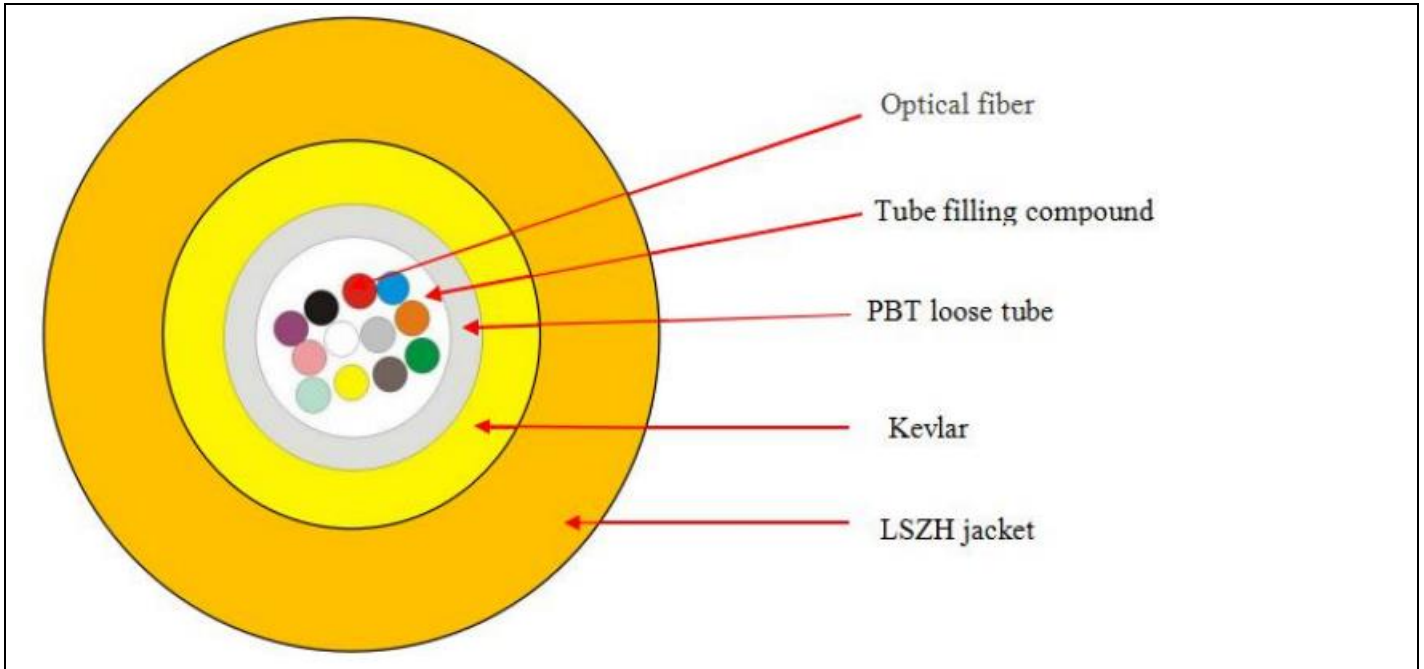


GJFJV 2-48 Core Indoor Optical Fiber Cable

Product Structure Diagram



Product Description

GJFJV indoor fiber optic cable is made by evenly applying strands of Aramid yarns as the strength member over $\phi 900\mu\text{m}$ or $\phi 600\mu\text{m}$ tight buffer fibers and then is completed with PVC (LSZH) jacket. High strength aramid yarn strength member ensures tension-resistance and long term stable transmission for optical fibers.

Application

- Adapted to indoor distribution.
- Suitable for external applications in ducts and aerial applications.
- Long distance and local area network communication.

Technical Specifications

Product Parameters

Cable Count (Core)	Out Sheath Diameter (MM)	Tight Buffer Diameter (MM)	Weight (KG)	Minimum Allowable Tensile Strength(N)		Minimum allowable Crush load (N/100mm)		Min bending Radius (MM)		Suitable Temperature (°C)
				Short-term	Long-term	Short-term	Long-term	Short-term	Long-term	
02	3.0	0.9	15.00	600	200	1000	200	20D	10D	-20 to +60
04	4.0	0.9	22.00	600	200	1000	200	20D	10D	
06	4.0	0.9	23.00	600	200	1000	200	20D	10D	

08	5.0	0.9	27.00	600	200	1000	200	20D	10D	-20 to +60
10	5.5	0.9	30.00	600	200	1000	200	20D	10D	
12	6.0	0.9	35.00	600	200	1000	200	20D	10D	
24	7.0	0.9	40.00	600	200	1000	200	20D	10D	
48	8.5	0.9	48.00	600	200	1000	200	20D	10D	

Fiber Characteristics

Parameter	Unit	9/125 SMF-OS1	62.5/125 MMF-OM1	50/125 MMF-OM2	50/125 MMF-OM3	50/125 MMF-OM4
Attenuation (See Note 1)	dB/Km	1310nm≤0.35 1550nm≤0.22	850 nm≤3.0 1300 nm≤0.8	850 nm≤3.0 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0	-	-	-	
Fiber Diameter	um	9/125 um	62.5/125 um	50/125 um	50/125 um	50/125 um
Effective Modal Bandwidth	EMB	-	850 nm≥200	850 nm≥750	850 nm≥2000	850 nm≥4700
Zero Dispersion Wavelength	Nm	1300~1324	-		-	-
Zero Dispersion Slope	Ps/nm.km	≤0.095	-		-	-
Fiber Cutoff Wavelength	um	≤1260	-		-	-
Mode Field Diameter	um	@1310nm-9.2±0.4 @1550nm-10.4±0.8	-	-	-	-
Mode Field Concentricity	um	≤0.8	-	-	-	-
Cladding Diameter	um	125±1.0	125±2.0	125±1.0	125±1.0	125±1.0
Cladding Non-circularity	%	≤1.0	≤2.0	≤1.0	≤1.0	≤1.0
Coating/Cladding	um	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Concentricity Error						
Coating Diameter	um	245±10	245±10	245±10	245±10	245±10