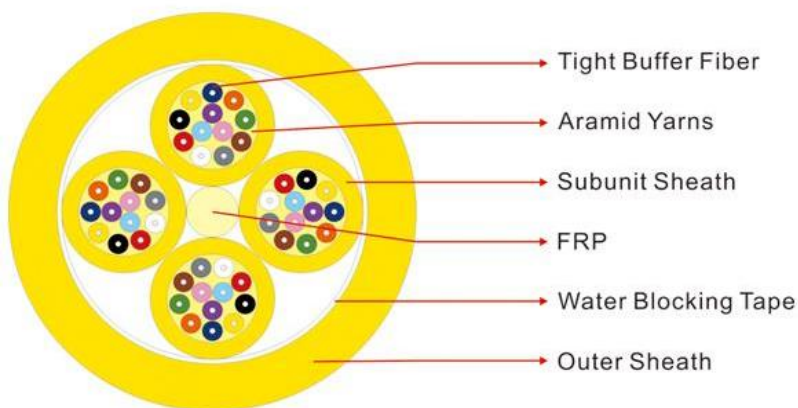


Indoor Breakout Fiber Optic Cable



Product Code	Description			
3639-70009	Indoor breakout fiber optic cable	9/125;50/125; 62.5/125	OM3;OM4	24 - 120 core

•Description

GJPFJV cable is made by the tight buffer fiber wrapped with a layer of aramid yarn as strength member units, multi fibers as the sub unit twist with FRP into the circle, and finally into fiber optic cable with PVC or LSZH sheath, with dry-type water-blocking materials between fiber and sheath.

•Characteristics

- Each sub cable contains aramid yarn, good bend performance, without loose tube, cleaning friendly, easy construction and connection.
- Tight buffer fiber with single strength member and sheath to overcome the effect from bad environment and Mechanical stress.
- The low smoke and low halogen flame retardant sheath has the characteristics of fire prevention and self extinguishing, and is suitable for indoor environment such as computer room, cable shaft and indoor wiring.
- LSZH sheath, UV, Waterproof mildew, ESCR, No acid gas release, non-corrosive room equipment, suitable for indoor and outdoor use or need a high flame-retardant grades of the indoor environment (such as wiring in the ceiling, open wire cabling etc.)

• Applications

- Indoor horizontal wiring, vertical wiring in buildings, LAN network.
- Standard core can be directly apply to connectors, to use for device connecting.
- Used as a backbone cable tail can access directly from the indoor and outdoor to save the junction box, isolated lightning, improve system reliability.

•Standards

GJPFJV cable complies with Standard YD/T1258.4-2009、ICEA-596、GR-409、IEC794 etc; and meets with the requirements of UL approval for OFNR.

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•Optical Characteristics

		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20°C)	@ 850nm			≤3.5 dB/km	≤3.5 dB/km
	@ 1300nm			≤1.5 dB/km	≤1.5 dB/km
	@ 1310nm	≤0.45dB/km	≤0.45dB/km		
	@ 1550nm	≤0.30dB/km	≤0.30dB/km		
Bandwidth (Class A)	@ 850nm			≥500 MHz·km	≥200 MHz·km
	@ 1300nm			≥1000 MHz·km	≥600 MHz·km
Numerical Aperture				0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelength λ_{cc}		≤1260nm	≤1480nm		

•Technical Parameters

Fiber Count	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100cm	Bending Radius Static/Dynamic mm
24	13.8±0.5	70	500/1300	300/1000	30D/15D
48	18.0±0.5	150	500/1300	300/1000	30D/15D
96	25.0±0.5	340	500/1300	300/1000	30D/15D
120	31.0±1mm	530	500/1300	300/1000	30D/15D

Storage/Operating/Transport Temperature : — 20°C to + 60°C

Installation Temperature : — 5°C to + 50°C