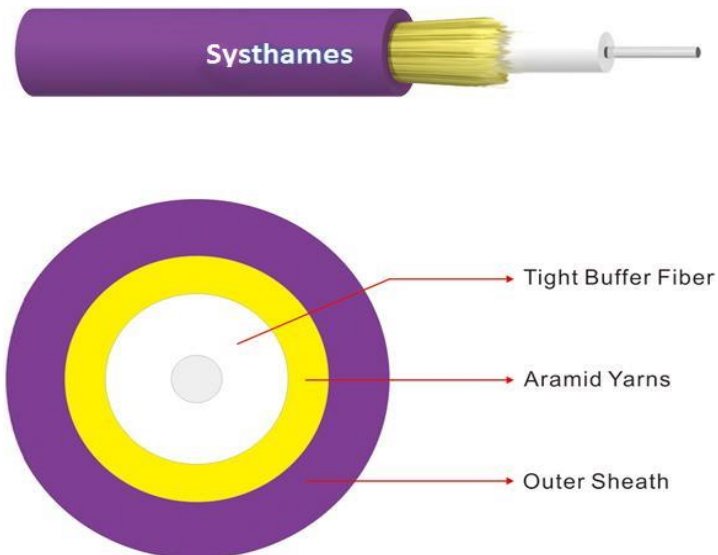


Indoor Patchcord Fiber Optic Cable



Product Code	Description			
3637-70007	Indoor patchcord fiber optic cable	9/125;50/125; 62.5/125	OM3;OM4	1-2 core

·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.

Features

- Good uniformity of the outer diameter of tight buffer fiber and excellent strippability.
- Good performance of flame-retardant
- Steady performance both in extremely high and low temperature.
- Excellent geometrical dimension of the fiber ;

Application

- Data Communication
- Making connector
- Installation: Riser,Plenum,inter-layer,pipe & trunking
- Located in where waterproof isn't strictly required
- Patch cord, Pigtail & Indoor distribution

·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.

Indoor Breakout Fiber Optic Cable

Optical Characteristics

		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20°C)	@ 850nm			≤3.0 dB/km	≤3.0 dB/km
	@ 1300nm			≤1.0 dB/km	≤1.0 dB/km
	@ 1310nm	≤0.36dB/km			
	@ 1550nm	≤0.22dB/km	≤0.23dB/km		
Bandwidth (Class A)	@ 850nm			≥500 MHz·km	≥500 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	Cable Weight	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100cm	Bending Radius Static/Dynamic mm
1	mm 13.8±0.5	kg/km 70	500/1300	300/1000	30D/15D

Cable Code

	SXC-I	SXC-II	SXC-III
Cable Diameter(mm)	1.6±0.2	2.0±0.2	2.8±0.2
Cable Weight(kg/km)	4	5.9	6.9
Tight Buffer Fiber Diameter	900±50μm	900±50μm	900±50μm

Mechanical Characteristics

Tensile Strength	Long Term	80N	60	50
	Short Term	150N	120	100
Crush Resistance	Long Term	100N/100m m	100N/100m m	100N/100m m
	Short Term	500N/100m m	500N/100m m	500N/100m m
Bending Radius	Dynamic	20XD	20XD	20XD
	Static	10XD	10XD	10XD

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

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