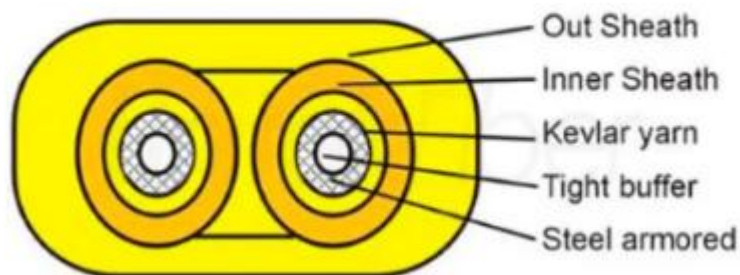


Indoor Figure Zero Flat Twin Armored Fiber Optic Cable GJFJV 0.9mm Tight Buffered LSZH PVC

Profile View



Fiber Parameters

No. of Cable			2
Fiber Model			G.652D
Tight buffer	Material		PVC
	Diameter(±0.06)mm		0.9
	Thickness(±0.03)mm		0.32
Inner Sheath	Material		PVC
	Diameter(±0.06) mm		2.0
	Thickness(±0.03) mm		0.35
	Color		Yellow
Spiral Steel	Dimension		1.7+0.1mm
	Material		Stainless steel tube
	Thickness		0.22 mm
Outer Sheath	Material		PVC
	Thickness(±0.06)mm		0.6
	Color		Yellow
Cable size(±0.2) mm			3.2×5.6
Cable Weight (±2) kg/km			24
Allowable Tensile Strength	Short Term	N	800
	Long Term		300
Allowable Crush Resistance	Short Term	N/100mm	1000
	Long Term		500
Min. bending radius	Without Tension		10×Cable-g
	Under Maximum Tension		20×Cable- ϕ
Temperature range (°C)	Installation		20 ~ +60
	Transport&Storage		40~+70

	Operation	40~+70
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The properties of single mode optical fiber (ITU-T Rec. G.652.D)

Item	Specification
Fiber type	Single mode
Fiber material	Doped silica
Attenuation coefficient @ 1310 nm @ 1383 nm @ 1550 nm @ 1625 nm	≤ 0.36 dB/km ≤ 0.32 dB/km ≤ 0.22 dB/km ≤ 0.30 dB/km
Point discontinuity	≤ 0.05 dB
Cable cut-off wavelength	≤ 1260 nm
Zero-dispersion wavelength	1300 ~ 1324 nm
Zero-dispersion slope	≤ 0.092 ps/(nm ² .km)
Chromatic dispersion @ 1288 ~ 1339 nm @ 1271 ~ 1360 nm @ 1550 nm @ 1625 nm	≤ 3.5 ps/(nm. km) ≤ 5.3 ps/(nm. km) ≤ 18 ps/(nm. km) ≤ 22 ps/(nm. km)
PMD _Q (Quadrature average*)	≤ 0.2 ps/km ^{1/2}
Mode field diameter @ 1310 nm	9.2±0.4 μm
Core / Clad concentricity error	≤ 0.5 μm
Cladding diameter	125.0 ± 0.7 μm
Cladding non-circularity	≤ 1.0%
Primary coating diameter	245 ± 10 μm
Proof test level	100 kpsi (=0.69 Gpa), 1%
Temperature dependence 0°C ~ +70°C @ 1310 & 1550nm	≤ 0.1 dB/km