

NCTS-GJFJV

Indoor distribution Fiber Optic Cable

4 - 24 cores - color optional

Description

GJFJV distribution cable use several 900um tight buffer fiber as optical communication medium, the tight buffer fiber wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a PVC or LSZH jacket.

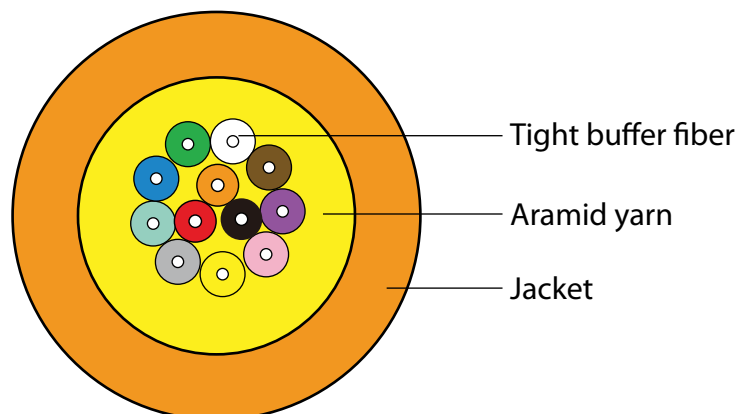
Characteristics

- Tight buffer fiber easy of stripping
- Aramid yarn as strength member make cable have excellent tensile strength

Application

Multi optical fiber jumper

Indoor and purpose cable distribution



NCTS-GJFJV

Indoor distribution Fiber Optic Cable 4 - 24 cores - color optional

Technical Specifications

Model: NCTS-GJFJV

Technical parameter

Fiber count	4	6	8	12	24
Strength member	Aramid yarn				
Outer jacket	PVC / LSZH				
Cable O.D.	4.3	5.2	5.6	6.2	8.2

Attenuation Max.	1310nm	dB/km	≤ 0.36
	1550nm		≤ 0.22
	850nm		≤ 2.3
	1300nm		≤ 0.6
Bending radius	Statistic	mm	10D
	Dynamic		20D
Temperature	installation	°C	-15~+60
	Storage and transportation		-20~+60
	Working		-20~+60
Tensile	Long term	N	200
	Short term		660
Crush	Long term	N/10cm	300
	Short term		1000

G.652d Fiber

	cladding diameter μm		125.0±0.8
	Cladding roundness %		≤1.0
	Coating diameterμm		245±10
	Coating/cladding concentricity error μm		≤12
	Coating roundness %		≤6
	Core/cladding concentricity error μm		≤0.5
optical properties	The mode field diameter	1310nm	8.8±0.4μm
		1550nm	9.8±0.6μm
	attenuationdB/km	1310nm	≤0.36
		1550nm	≤0.22
	Cutoff wavelength nm		≤1260

OM3 Fiber

Geometric features	Core diameter μm		62.5 $\pm$ 2.5
	cladding diameter μm		125.0 $\pm$ 0.8
	Cladding roundness %		≤ 1.0
	Coating diameter μm		245 $\pm$ 10
	Coating/cladding concentricity error μm		≤ 12
	Coating roundness %		≤ 6
optical properties	Core/cladding concentricity error μm		≤ 1.5
	Group index of refraction	850nm	1.496
		1300nm	1.491
	attenuation dB/km	850nm	≤ 3.0
		1300nm	≤ 0.8

OM2 Fiber

Geometric features	Core diameter μm		50±2.5
	cladding diameter μm		125.0±0.8
	Cladding roundness %		≤1.0
	Coating diameterμm		245±10
	Coating/cladding concentricity error μm		≤12
	Coating roundness %		≤6
	Core/cladding concentricity error μm		≤1.5
optical properties	Group index of refraction	850nm	1.482
		1300nm	1.477
	attenuationdB/km	850nm	≤2.5
		1300nm	≤0.7

OM3 Fiber

Geometric features	Core diameter μm		50±2.5
	cladding diameter μm		125.0±0.8
	Cladding roundness %		≤1.0
	Coating diameterμm		245±10
	Coating/cladding concentricity error μm		≤12
	Coating roundness %		≤6
	Core/cladding concentricity error μm		≤1
optical properties	Group index of refraction	850nm	1.482
		1300nm	1.477
	attenuationdB/km	850nm	≤2.3
		1300nm	≤0.6
	10Gb/s ethernet link distance		≤300m

OM4 Fiber

Geometric features	Core diameter μm		50 $\pm$ 2.5
	cladding diameter μm		125.0 $\pm$ 0.8
	Cladding roundness %		$\leq$ 1.0
	Coating diameter μm		245 $\pm$ 10
	Coating/cladding concentricity error μm		$\leq$ 12
	Coating roundness %		$\leq$ 6
	Core/cladding concentricity error μm		$\leq$ 1
optical properties	Group index of refraction	850nm	1.482
		1300nm	1.477
	attenuationdB/km	850nm	$\leq$ 2.3
		1300nm	$\leq$ 0.6
	10Gb/s ethernet link distance		$\leq$ 550m