

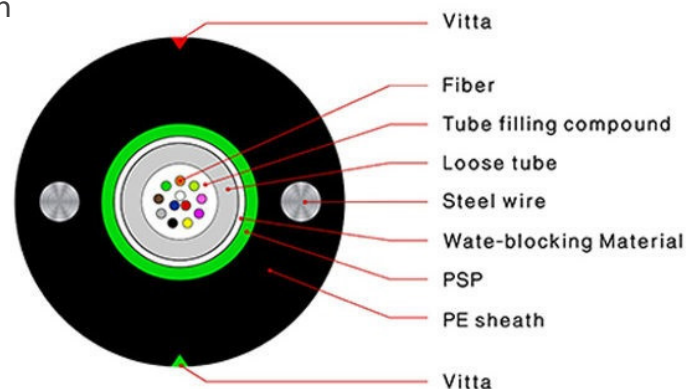
NCTS-GYXTW Outdoor Unit tube Light-armored fiber optic cable 4 - 12 cores

Description

The optical fiber 250μm(4~12cores) are positioned in a loose tube made of a high modulus plastic. The tube is filled with a water - resistant filling compound. The tube is wrapped with a layer of steel tape(PSP) longitudinally. Between the PSP and the loose tube water - blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene(PE) sheath.

Characteristics

- Application: duct/aerial
- Small diameter,light weight and friendly installation
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- Two parallel steel wires ensure tensile strength
- PSP enhancing moisture - proof



NCTS-GYXTW

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Technical Specifications

Model: NCTS-GYXTW

Technical parameter

Fiber counts	4	6	8	12
Fiber type	G.652D	G.652D	G.652D	G.652D
PBT tube qty.	1	1	1	1
Fibers/Tube	4	6	8	12
Strength member	2*0.8mm steel wires	2*0.8mm steel wires	2*0.8mm steel wires	2*0.8mm steel wires
Outer sheath	PE	PE	PE	PE
Cable O.D.	7.2±0.3mm	7.2±0.3mm	7.2±0.3mm	7.2±0.3mm

G.652d Fiber

Attenuation Max.	1310nm	dB/km	≤0.36
	1550nm		≤0.22
Bending radius	Statistic	mm	10D
	Dynamic		20D
Temperature	installation	°C	-15~+60
	Storage and transportation		-20~+60
	Working		-20~+60
Tensile	Long term	N	600
	Short term		1500
Crush	Long term	N/10cm	300
	Short term		1000

Geometric features	cladding diameter μm		125.0±0.8
	Cladding roundness %		≤1.0
	Coating diameter μm		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
	attenuation dB/km	1310nm	≤0.36
		1550nm	≤0.22
	Cutoff wavelength nm		≤1260