

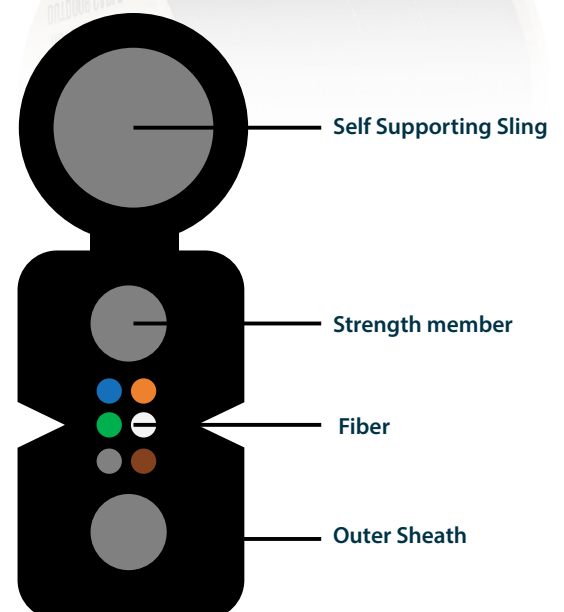
NCTS-GJYXFCH Outdoor FTTH drop cable 1 - 6 core

Description

The optical fiber (1~6cores) is positioned in the centre. Two parallel strength member(steel wire/FRP) are placed at the two sides. A self supporting sling(Steel wire or FRP) as the additional strength member is also applied. Then, the cable is completed with a LSZH sheath(black).

Characteristics

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property.
- Two parallel strength members ensure good performance of crush resistance to protect the fiber.
- Self supporting sling as the additional strength member ensure good performance of tensile strength.
- Simple structure, light weight and high practicability.
- Novel flute design, easily strip and splice, simplify the installation and maintenance.
- Low smoke, zero halogen and flame retardant sheath.



NCTS-GJYXFCH

Outdoor FTTH drop cable 1 - 6 core

Technical Specifications

Model: NCTS-GJYXFCH

1km

2km

Fiber counts		/	1 core 22 \ 2 core 25 / 4 core 33 / 6 core 41	1 core 44 \ 2 core 50 / 4 core 66 / 6 core 82
Fiber type		/	G.657A	
Fiber color		/	Orange, Green, Blue, Brown, Grey, White	
Strength element		/	2*0.45mm phosphorized steel wires or 2*0.5mm FRP	
Self supporting sling		/	1.0mm phosphorized steel wire or 1.mm FRP	
Outer sheath	Material	/	Black LSZH	
Cable O.d.		mm	2.0*5.0mm	
Attenuation Max.	1310nm	dB/km	≤0.36	
	1550nm		≤0.22	
Bending radius	Statistic	mm	15D	
	Dynamic		30D	
Temperature	installation	°C	-15~+60	
	Storage and transportation		-20~+60	
	Working		-20~+60	
Tensile	Long term	N	300	
	Short term		600	
Crush	Long term	N/10cm	2200	
	Short term		2200	

G.657A Fiber

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

