

Central Tube Type Optical Fiber Cable



Description

GYXTY: Metallic strength member, Central tube filling compound, Steel wire armored, PE jacket outdoor

GYXTA: Metallic strength member, Central tube filling compound, Steel wire armored, Aluminum-PE jacket

GYXTS: Metallic strength member, Central tube filling compound, Steel wire armored, Steel-PE jacket

GYXTW: Metallic strength member, Central tube filling compound, Two parallel steel wire armored, Steel-PE jacket

GYFXTY: Non-metallic strength member, Central tube filling compound, PE jacket, In/Out

Features

- Small diameter, light weight, well-positioned to bending performance, friendly installation.
- High strength loose tube that is hydrolysis resistant, special tube filling compound ensure a critical protection of fiber.
- Good mechanical and temperature performance.
- Steel wire and armored structure ensure excellent side-crush resistance, and a bullet-proof capability.
- Aramid yarn as strength member making cable have excellent tensile strength, can light the cable weight effectively, and improve bending performance.
- Double coated strip tide, and has lateral pressure.

Specifications

Item		GYXTY	GYXTA	GYXTS	GYXTW	GYFXTY
Fiber Core Count		2~12	2~12	2~12	2~12	2~12
Cable Diameter (mm)		8.3	9.3	9.3	8.3	5.0
Cable Weight (Kg/Km)		75	90	100	73	28
Tensile Strength (N)	Short term	1500	1500	1500	1500	300
	Long term	600	600	600	600	100
Crush Resistance (N)	Short term	1000	1000	1000	1000	300
	Long term	300	300	300	300	100
Bending Radius	Static	20D	20D	20D	20D	15D
	Dynamic	10D	10D	10D	10D	10D
Application Range		Aerial	Aerial 、 Duct 、 Direct burial			In/out
Attenuation		$\leq 0.36\text{dB/km}@1310\text{nm}$; $\leq 0.22\text{dB/km}@1550\text{nm}$				
Operating Temperature		$-40^{\circ}\text{C}\sim+60^{\circ}\text{C}$				