

Biological Protection Optical Fiber Cable



GYFXTY

Anti-Rodent Anti-Birds FRP Wires Uni-tube Fiber Optic Cable

Introduction:

ZION provides optical cables that resistant to biological hazards caused by rodents, termites and birds, etc. after installation. Optical cables are often damaged by rodents. Termites not only bite, but also release formic acid to the cables. We design methods include physical (include metallic and glass fiber armor and nylon sheath) and chemical methods (Spicy additives) against biological hazards.

Features:

- Accurate process control ensuring good mechanical and temperature performances
- The material of loose tubes with good hydrolysis resistance and high strength
- Tube filling compound providing the key protection for fibres
- Excellent crush resistance and flexibility
- Non-Metallic FRP wires armors providing excellent anti-rodent performance

Main Methods:

Physical methods	Metallic armors	Stainless steel tape	Rodent and Birds
		Steel wires	
	Non-Metallic armors	FRP	Rodent and Birds
		Glass Yarn	Rodent
	Nylon sheath	Nylon outer sheath	Termite
Chemical methods	Chemical additives	Spicy additives	Rodent and Termite

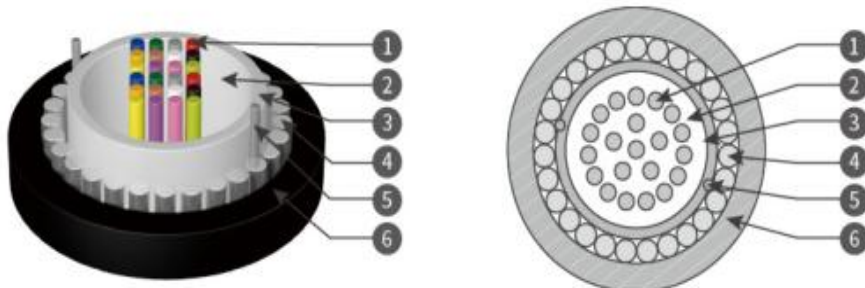
Product Series:

Uni-Tube	GYGXZY04	Glass fibre tape+Nylon sheath	Rodent, Termite, Lightning
	GYXTY53	Stainless steel tape+wire	Rodent, Birds
	GYXTS	Stainless steel tape+wire	Rodent, Birds
	GYXTY	Stainless steel wire	Rodent, Birds
	GYFXTY	FRP Armor	Rodent, Birds, Lightning
Stranded loose tube	GYFTA53	Aluminum tape+steel tape	Rodent
	GYFTA54	steel tape+nylon sheath	Rodent, Termite
	GYFTY83(FS)	Flat FRP tape	Rodent
	GYFTY73	FRP tape armor	Rodent, Birds, Lightning
	GYFTS	Stainless steel tape	Rodent, Birds
Special	GJFJKH	Stainless Steel Flexible Hose	Indoor protection from Rodent

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Cross Section:



1, Fibers 2, 3, Tube Filling Compound 4, FRP wire 5, Waterr Blocking Yarn 6, PE Sheath

Technical Characteristics:

Type	Diameter of Uni-tube	Diameter mm	Weight (kg/km)	Tension(N) Long/short	Crush Resistance Long/short (N/100mm)
GYFXTY -02-12Xn	2.4	7.6±0.1(2.0Thickness)	49	600/1500	1000/2000
GYFXTY -14-24Xn	3	8.2±0.1(2.0Thickness)	64	600/1500	1000/2000
GYFXTY -36-26Xn	3.6	8.8±0.1(2.0Thickness)	75	600/1500	1000/2000
GYFXTY -38-48Xn	4	9.2±0.1(2.0Thickness)	81	600/1500	1000/2000

Note: This specification provides a normative reference. Adjustable outer diameter to suit your budget. Contact us ASAP.

Environmental Characteristics:

Transport/storage temperature: -40℃~70℃

Delivery Length:

Standard length:2000m;Other length availabe

Online Service:

Skype	
Wechat	
Whatsapp	
Email	