

# Biological Protection Optical Fiber Cable



## GYGXZY04

### Anti-Rodent Anti-Termite Glass Fibre Tape Nylon Sheath 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
- All-dielectric design, applicable to lightning-prone areas
- Small size and light weight
- Glass fibre yarns providing certain anti-rodent performance
- Nylon outer sheath with high hardness providing certain anti-termite 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

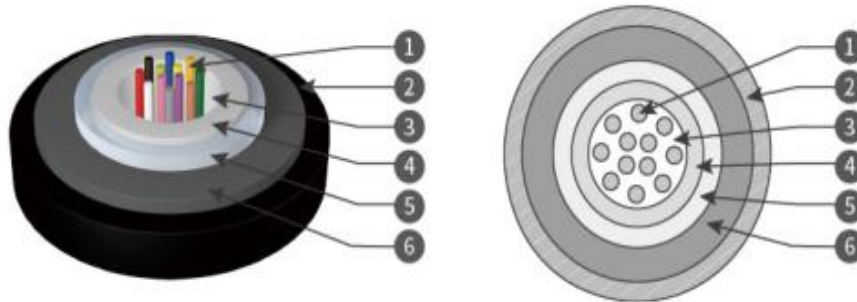
#### Product Series:

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,PA Outer Sheath 3,Tube Filling Compound 4,Loose Tube 5,Glass fiber Yarn 6, LSZH Inner sheath

## Technical Characteristics:

Type	Diameter of Uni-tube	Diameter mm	Weight (kg/km)	Tension(N) Long/short	Crush Resistance Long/short (N/100mm)
GYGXZY04 -02-12Xn	2.8	7.5±0.1	50	600/1500	300/1000

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

## Environmental Characteristics:

Transport/storage temperature: -20℃~70℃

## Delivery Length:

Standard length:2000m;Other length availabe

## Online Service:

Skype	
Wechat	
Whatsapp	
Email	