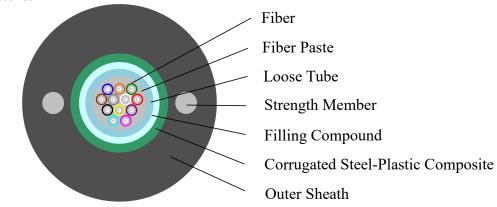
Product Specification

For Optical Fiber Cable GYXTW

1. Optical Fiber Cable Features

1.1 Structure:



Applications:

Mainly adopted to the laying method of aerial, duct, and cable trench.

1.2 Cable parameters

Iter	ns	Specifications	
Fiber Count		2-12	
Fiber Type		G.652D	
Colored Coating Fiber	Dimension	250µm±15µm	
	Color	Blue, Orange, Green, Brown, Gray, White,	
		Red、Black、Yellow、Purple、Pink、Aqua	
Loose Tube	Dimension	2.0mm±0.1mm	
	Material	PBT	
	Color	Natural	
Strength Member	Diameter	1.0mm	
	Material	Steel	
Outer Jacket	Dimension	7.8mm±0.3mm	
	Material	PE	
	Color	Black	
Fiber Attenuation	dB/km(1310nm)	≤0.36dB/km	
Coefficient in Cable	dB/km(1550nm)	≤0.22dB/km	

Color-coding of the fiber will be clear, and not fade under the influence of the temperature of working and

installation environment.

1.3 Mechanical and physical characteristics of the cable

No.	Characteristics		Parameter value
1	Tangila Stuanath	Short Term	1000N
	Tensile Strength	Long Term	500N
2	Crush Resistance Strength	Short Term	1000N
	(N/100mm)	Long Term	300N
3 Min. Bending Radius (mm)	Min. Bending Radius	Dynamic	20D
	(mm)	Static	10D
4	Temperature Range		-40~+60°C

2. Cable Marking

Unless otherwise required the sheath will be marked at intervals of 1m, containing:

- (a) Indication in meters
- (b) Quantity and type of fibers
- (c) Factory name
- (d) Date of manufacturing (year)
- (e) Other requirements

The marks will be permanent and legible for the duration of the cable life.

3. Packaging & Delivery

All cables will be delivered on drums with protection of both ends of the cable. Each drum will have a waterproof mark according to requirements.

Normal cable length: 2~3 km, or as per the customer's requirements

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