

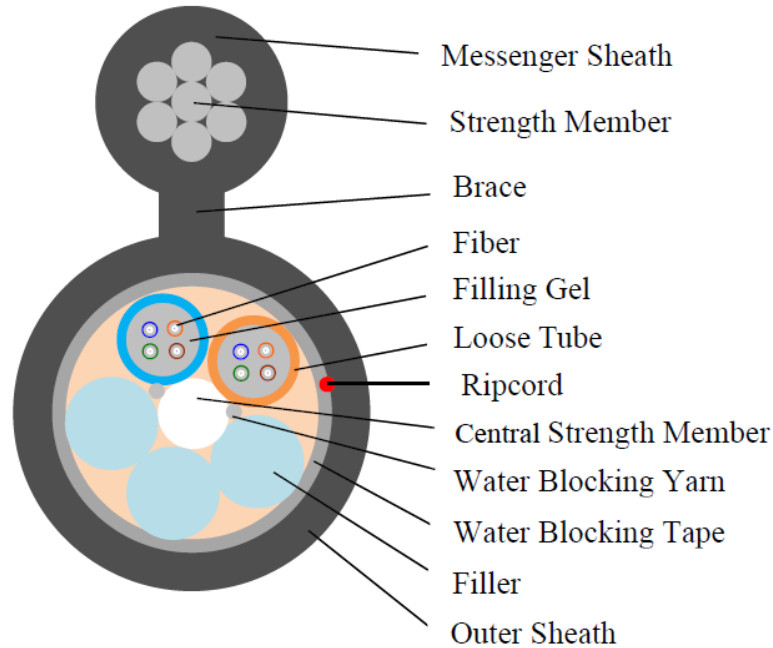
## Product Specification

### For Optical Fiber Cable GYFTC8Y



#### 1. OPTICAL FIBER CABLE FEATURES

##### 1.1 Structure:



##### Suitable:

Mainly adopted to the laying method of aerial and the span under 80m, speeding up the installation and saving the messenger wire and optic cable pothook.

##### 1.2 Cable Parameters

Items		Specifications
Fiber Count		8/12/24/48
Fiber Type		G.652D
Colored Coating Fiber	Dimension	250 $\mu$ m $\pm$ 15 $\mu$ m
	Color	Blue、 Orange、 Green、 Brown、 Gray、 White
Loose Tube	Dimension	1.7 $\pm$ 0.1mm(8/12/24C) 2.0 $\pm$ 0.1mm(48C)
	Material	PBT
	Color	Blue、 Orange、 Green、 Brown
Filler	Dimension	1.7 $\pm$ 0.1mm(8/12/24C) 2.0 $\pm$ 0.1mm(48C)
	Material	PP
	Color	Natural
Central Strength Member	Material	FRP

	Dimension	1.5mm
Strength Member	Dimension	3.9(1.3*7)mm
	Material	Steel Wire
	Jacket Thickness	1.1mm
Main Outer Sheath	Dimension	(8.6±0.5)mm×(6.1±0.3)mm
	Material	PE
	Color	Black
	Thickness	1.7mm
Fibre Attenuation coefficient in Cable	dB/km(1310nm)	≤0.36dB/km
	dB/km(1550nm)	≤0.22dB/km

Color-coding of fiber will be clearly, and not fade in temperature of working and installation.

### 2.3 Mechanical and physical of the cable

No.	Characteristics		Parameter value
1	Tensile Strength	Short Term	3000N
		Long Term	1000N
2	Crush Resistance strength (N/100mm)	Short Term	1000N
		Long Term	300N
3	Min. Bending Radius (mm)	Dynamic	20H
		Static	10H
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 be a waterproof mark according to requirements.

Normal cable length: 4 km, or as per the customer's requirement