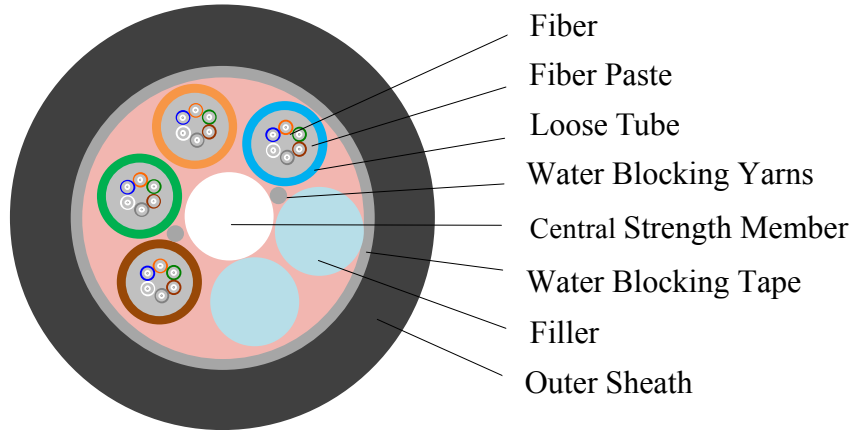


Product Specification

For Optical Fiber Cable GYFTY

1. Optical Fiber Cable Features

1.1 Structure:



Applications:

Mainly adopted to the duct, on-messenger aerial, cable trench.

1.2 Cable parameters

Items		Specifications
Fiber Count		4-24
Fiber Type		G.652D
Colored Coating Fiber	Dimension	250 μ m \pm 15 μ m
	Color	Blue、 Orange、 Green、 Brown、 Gray、 White
Loose Tube	Dimension	2.0 \pm 0.1mm
	Material	PBT
	Color	Blue、 Orange、 Green、 Brown
Filler	Dimension	2.0 \pm 0.1mm
	Material	PP
	Color	Natural
Central Strength Member	Material	FRP
	Dimension	2.1 \pm 0.1mm
Outer Sheath	Dimension	9.9 \pm 0.5mm
	Material	PE
	Color	Black
Fiber Attenuation coefficient in Cable	dB/km(1310nm)	\leq 0.36dB/km
	dB/km(1550nm)	\leq 0.22dB/km

1.3 Mechanical and physical characteristics of the cable

No.	Characteristics	Parameter value	
1	Tensile Strength	Short Term	1000N
		Long Term	500N
2	Crush Resistance Strength (N/100mm)	Short Term	1000N
		Long Term	300N
3	Min. Bending Radius (mm)	Dynamic	20D
		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: 2-4 km, or as per the customer's requirements