

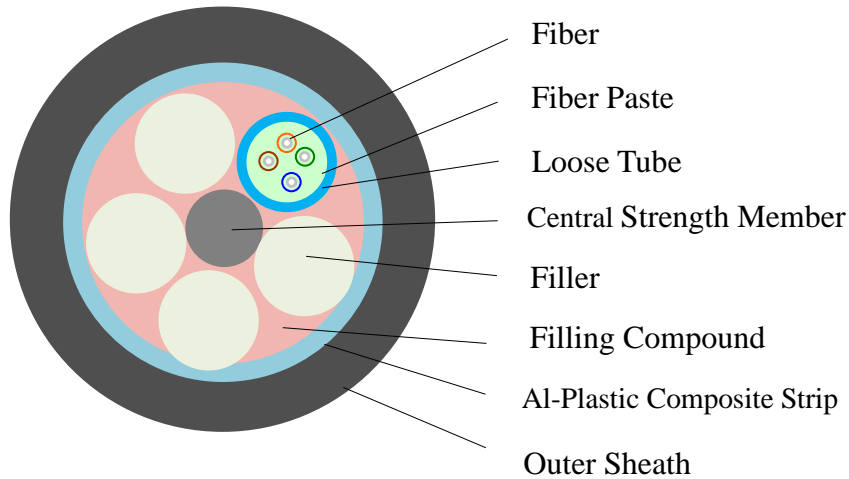


Product Specification

For Optical Fiber Cable GYTA

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		4-288
Fiber Type		G.652D
Colored Coating Fiber	Dimension	250 μ m \pm 15 μ m
	Color	Blue、Orange、Green、Brown、Gray、White、Red、Black、Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	1.8 \pm 0.1mm/2.0 \pm 0.1mm
	Material	PBT
	Color	Blue、Orange、Green、Brown、Gray、White、Red、Black、Yellow、Purple、Pink、Aqua
Filler(If needed)	Dimension	1.8 \pm 0.1mm/2.0 \pm 0.1mm
	Material	PP
	Color	Natural
Central Strength Member	Material	Steel Wire +PE (If needed)
Outer Sheath	Dimension	(9.2 \pm 0.3) mm(4F-24F)
		(9.8 \pm 0.3) mm(36F-60F)
		(10.3 \pm 0.3) mm(72F)
		(11.9 \pm 0.3) mm(96F)



		(14.3±0.5) mm(144F)
		(14.4±0.5) mm(216F)
		(16.4±0.5) mm(288F)
	Material	PE
	Color	Black
Fiber Attenuation coefficient in Cable	dB/km(1310nm)	≤0.36dB/km
	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	Tensile Strength	Short Term	1500N
		Long Term	600N
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℃

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: 3~4 km, or as per the customer's requirements