

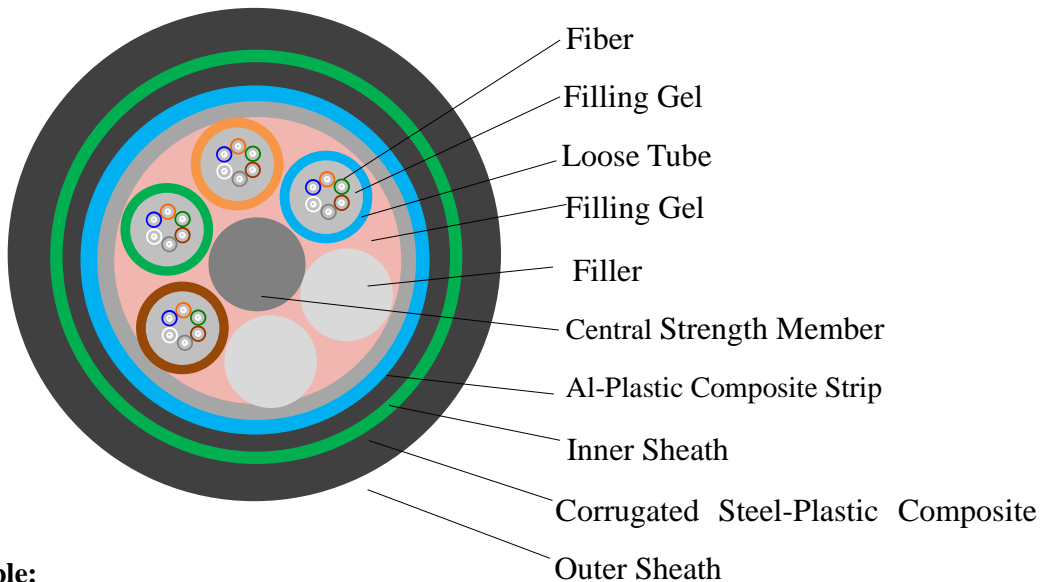


Product Specification

For Optical Fiber Cable GYTA53

1. OPTICAL FIBER CABLE FEATURES

1.1 Structure:



Suitable:

Mainly adopted to direct buried, duct and cable trench.

1.2 Cable Parameters

Items		Specifications
Fiber Count		4-144
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	Dimension	1.8 \pm 0.1mm/2.0 \pm 0.1mm
	Material	PP
	Color	Natural
Central Strength Member	Material	Phosphating steel wire +PE (If needed)
Inner Jacket	Material	PE
	Color	Black



Outer Jacket	Dimension	13.3±0.5mm (36F)
		13.4±0.5mm (48F-60F)
		13.7±0.5mm (72F)
		15.5±0.5mm (96F)
		18.6±0.5mm (144F)
	Material	PE
	Color	Black
Fiber 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.

1.3 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	3000N
		Long Term	1000N
3	Min. Bending Radius (mm)	Dynamic	25D
		Static	12.5D
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 be a

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