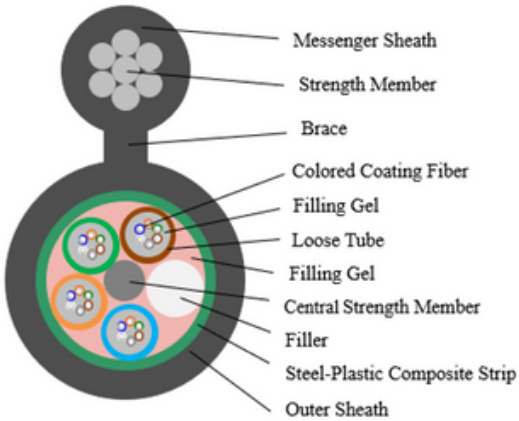
Optical Fiber Cable
GYTC8S

Structure:



Applications:

- External cable distribution
- 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,
- 4-5-7 km reel, G.652 D standard
- Corrugated steel-plastic tape



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Specifications

1. Construction of the cable

Items		Specifications
Fiber Count		4-144
Fiber		G.652D
Colored Coating Fiber	Dimension	250μm±15μm
	Color	Blue、Orange、Green、Brown、Gray、White、Red、Black、Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	1.7mm±0.1mm（6F）/2.0mm±0.1mm（12F）
	Material	PBT
	Color	Blue、Orange、Green、Brown、Gray、White、Red、Black、Yellow、Purple、Pink、Aqua
Filler	Dimension	1.7mm±0.1mm/2.0mm±0.1mm
	Material	PP
	Color	Natural
Central Strength Member	Material	Steel+PE（If needed）
Strength Member	Diameter	3.0mm(1.0mm*7)
	Material	Galvanization stranded steel wires
Outer Jacket	Dimension	(9.2mm±0.5mm)×（5.4mm±0.3mm） (4-24F)
		(9.6mm±0.5mm)×（5.4mm±0.3mm） (36F)
		(10.1mm±0.5mm)×（5.4mm±0.3mm） (48/60F)
		(10.7mm±0.5mm)×（5.4mm±0.3mm） (72F)
		(12.2mm±0.5mm)×（5.4mm±0.3mm） (96F)
		(14.8mm±0.5mm)×（5.4mm±0.3mm） (144F)
	Material	PE
	Color	Black
Fiber Attenuation Coefficient in Cable	dB/km(1310nm)	≤0.36dB/km
	dB/km(1550nm)	≤0.22dB/km

2. Mechanical and physical characteristics of the cable

No.	Characteristics		Parameter value
1	Tensile Strength	Short Term	2700N
		Long Term	1000N
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～+70℃