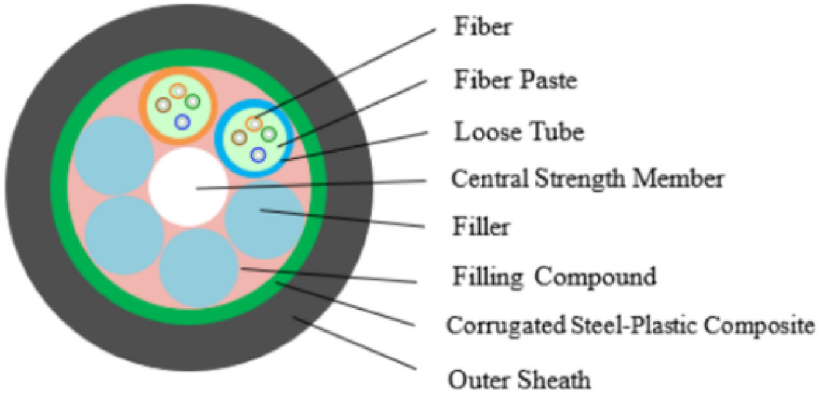
Optical Fiber Cable
GYFTS 4-216 Core

Structure:



Applications:

- External cable distribution
- Mainly adopted to the duct, on-messenger aerial, cable trench.
- 4-5-7 km reel, G.652 D standard
- Corrugated steel-plastic tape



www.fibersystems.com.ve

Specifications

1. Construction of the cable

Items		Specifications
Fiber Count		4-216
Fiber Type		G.652D
Colored Coating Fiber	Dimension	250μm±15μm
	Color	Blue、Orange、Green、Brown、Gray、White Red、Black、Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	(2.1-2.3)±0.1mm
	Material	PBT
	Color	Blue、Orange、Green、Brown、Gray、White Red、Black、Yellow、Purple、Pink、Aqua
Filler(If needed)	Dimension	(2.1-2.3)±0.1mm
	Material	PP
	Color	Natural
Central Strength Member	Material	FRP+PE
Outer Sheath	Dimension	(10.8±0.3)mm(4-36F)
		(11.4±0.3)mm(48-72F)
		(13.0±0.5)mm(96F)
		(16.2±0.5)mm(144F)
		(16.6±0.5)mm(216F)
	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	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℃