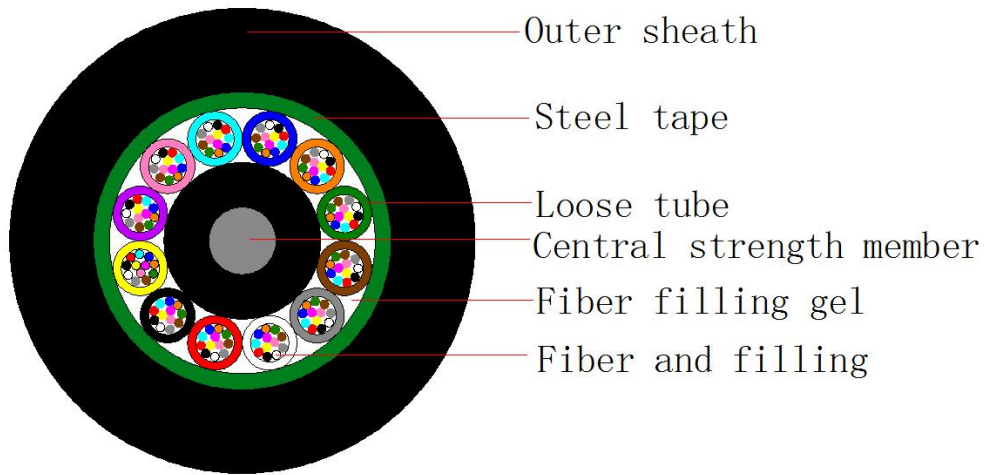


GYTS

1. Cable structure



Schematic for reference only

2. Structure parameter

Item	Contents	Unit	Value		
Fiber count	Number	/	12-24	72	144
Fiber type	/	/	G652D		
Cable structure	/	/	1+5	1+6	1+12
Fibers per tube	Count	/	6	12	
Fibers color	/	/	Blue、Orange、Green、Brown、Gray、White、Red、Black、Yellow、Violet、Pink、Aqua		
Loose tube	Material	/	PBT		
	Nominal Diameter	mm	1.55	1.85	
	color	/	Blue、Orange、Green、Brown、Gray、White、Red、Black、Yellow、Violet、Pink、Aqua		
Central strength member	Material	/	Phosphating steel wire &PE cushion layer （while need）		
	Nominal Diameter	mm	1.2	1.8	1.8
	PE cushion layer	mm	-	-	5.8
Peripheral strength member	Material		Steel tape		
	Material		MDPE		
	Color		Black		
	Outer diameter	mm	Nominal:1.6		
Attenuation (after cable)	1310nm	dB/km	≤0.36		
	1550nm	dB/km	≤0.22		
Cable diameter	±5%	mm	7.9	9.2	13.6
Cable weight	±10%	kg/km	66	97	185

3. Mechanical & Environmental Performance

Item	Contents	Value
Max. tensile load	Short term	1500 N (Fiber strain $\leq$ 0.6%)
	Long term	600 N
Max. crush resistance	Short term	1000 N/100mm
	Long term	300N
Min. bending radius	Installation	20 x cable diameter
	Operation	10 x cable diameter
Temperature range	Operation	-40℃ ~ +70℃
	Installation	-20℃ ~ +60℃
	Storage/transportation	-40℃ ~ +70℃