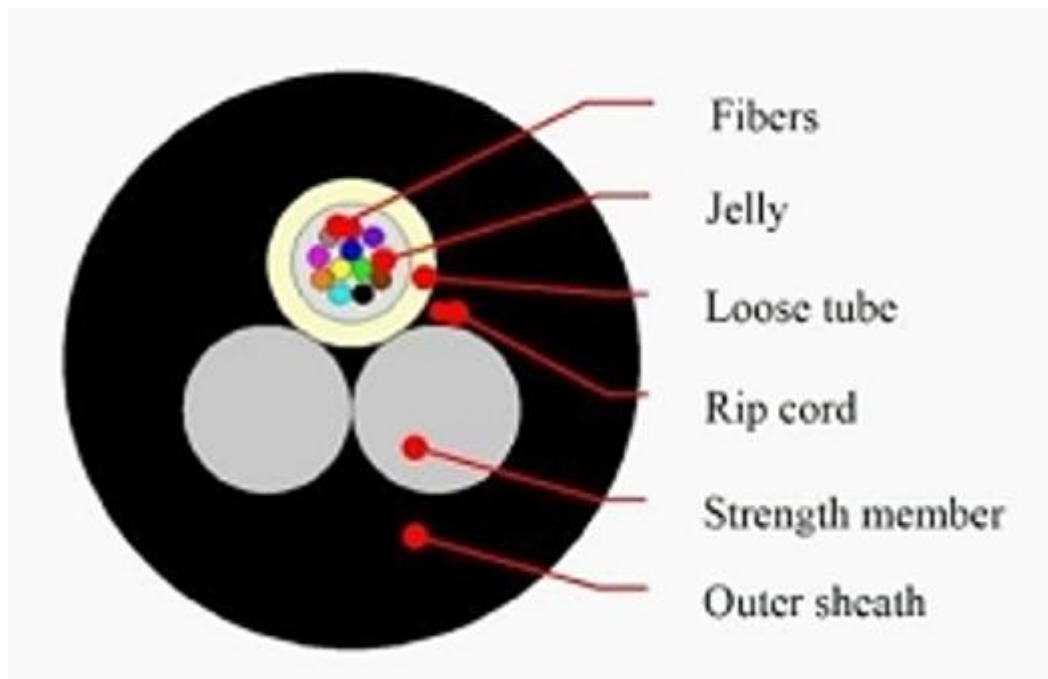


GYFY

1. Cable structure



2. Cable description

The central loose tube is filled with fiber jelly, two non-metallic reinforcing elements and black PE outer sheath.

3. Fiber & tube color

3.1 Fiber

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Gray	White
No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

3.2 Tube

No.	1
Color	Natural

4. Structure parameter

Item	Contents	Unit	Value	
Span*		m	80	
Fiber count	Number	/	1-6	6-12
Loose tube	Nominal Diameter	mm	1.5	2.0
Central strength member	Material	/	FRP	
	Nominal Diameter	mm	1.5	1.5
Cable diameter	±3mm	mm	6.8	6.8

Cable weight	±10%	kg/km	39	
Max installation tension		N	850	
Max wind speed :25m/s,no icing.				

5. Mechanical & Environmental Performance

Item	Contents	Value
Temperature range	Operation	-40℃ ~ +70℃
	Installation	-20℃ ~ +60℃
	Storage/transportation	-40℃ ~ +70℃
Min. bending radius	Installation	20 x cable diameter
	Operation	10 x cable diameter

6. Optical fiber

G652D Characteristic of Optical Fiber

Item		Unit	Specification
			G. 652D
Mode field diameter	1310nm	μm	9.2 ± 0.4
	1550nm	μm	10.4 ± 0.5
Cladding diameter		μm	124.3~125.0
Cladding non-circularity		%	≤1.0
Core concentricity error		μm	≤0.5
Coating diameter		μm	245 ± 5
Coating/cladding concentricity error		μm	≤10
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.35
	1550nm	dB/km	≤0.21
Proof stress level		kpsi	100

Other parameters meet standard ITU-T G.652