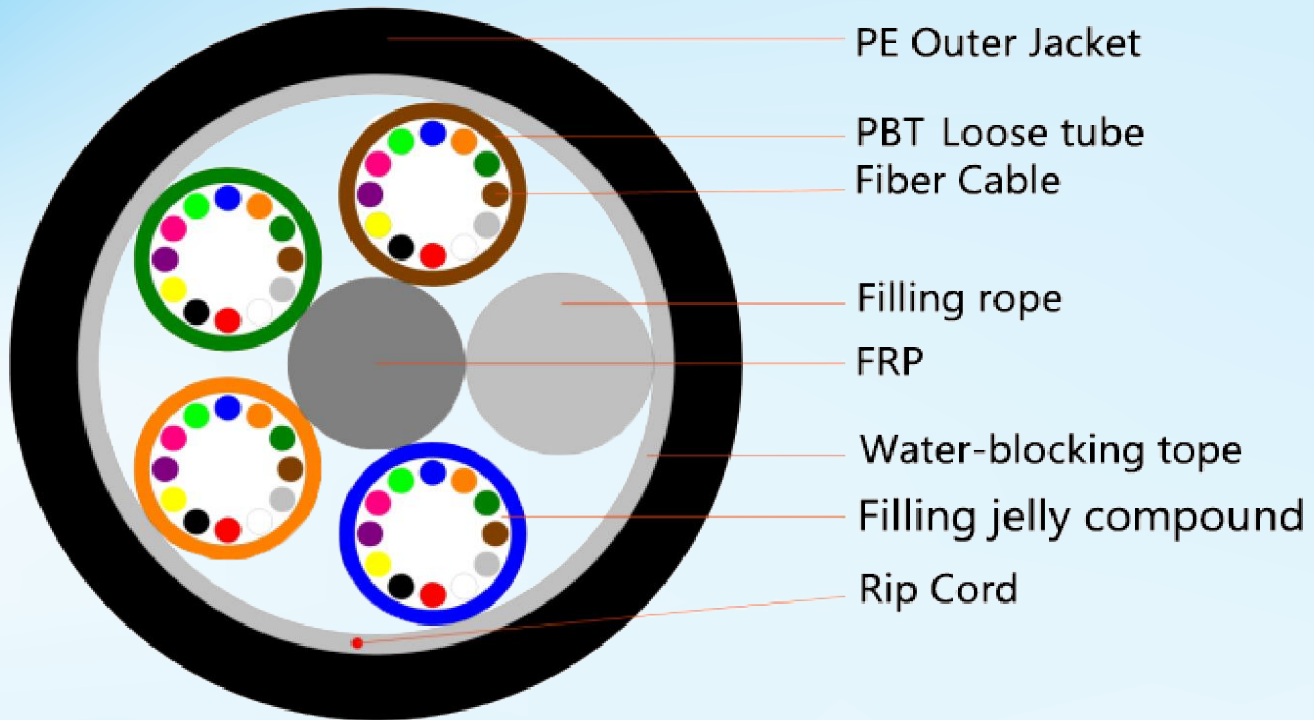


Cable Specification

Optical cable type:GYFTY

Cross section of cable:



Optical fiber type and properties:

Item		Unit	Specification
			G. 652
Mode field diameter	1310nm	μm	9.2 ± 0.4
	1550nm	μm	10.4 ± 0.8
Cladding diameter		μm	125.0 ± 1
Cladding non-circularity		%	≤1.0
Core/cladding concentricity error		μm	≤0.5
Coating diameter		μm	242 ± 7
Coating/cladding concentricity error		μm	≤12
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.36
	1550nm	dB/km	≤0.22
Proof stress level		kpsi	≥100

ITU-T G.652 (Other parameters meet standard ITU-T)

Dimensions of cable constructions:

Optical fiber number	4	8	12	16	24	36	48	72	96	144
Optical fiber type	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
Core structure	1+5	1+5	1+5	1+5	1+5	1+5	1+5	1+6	1+8	1+12
The casing diametermm	1.8	1.8	1.8	1.8	1.8	2.1	2.1	2.1	2.1	2.1
Each tube number	4	4	6	6	6	12	12	12	12	12
Diameter	8.5	8.5	8.5	8.5	8.5	9.0	9.3	10	11.5	14.5
Unit weight kg/km	65	65	65	65	65	75	75	85	110	160
Outer sheath thicknessmm	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.8	1.8
The wire diametermm	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0/3.5	2.0/6.5
(Loose casing wall thickness) mm	0.3	0.3	0.3	0.3	0.3	0.35	0.35	0.35	0.35	0.35

Cable performance:

Item		Parameters
Loose tube	Material	PBT
	Color	Full color spectrum
Filler	Material	PE
	Color	Black
Outer sheath	material	Polythene sheath
	Color	Black
CSM	Material	FRP FRP center stiffener
water-resistant	Material	ater blocking tape
Min. bending radius	Static	10.0 times cable diameter
	Dynamic	20 times cable diameter
Tensile performance	Short term	1000N
Crush	Short term	500N/100mm

Environmental performance:

Item	Standar	Parameters
Operation temperature	IEC 60794-1-2 F1	-40℃~+70℃

Drum:

(Optical fiber number)	Height (cm)	Width (cm)	Lengt h(m)	Drum type
4-24	90	65	3000	Wooden plate
p36-48	90	65	3000	Wooden plate
72-96	110	65	3000	Wooden plate
144	130	75	2000	Wooden plate