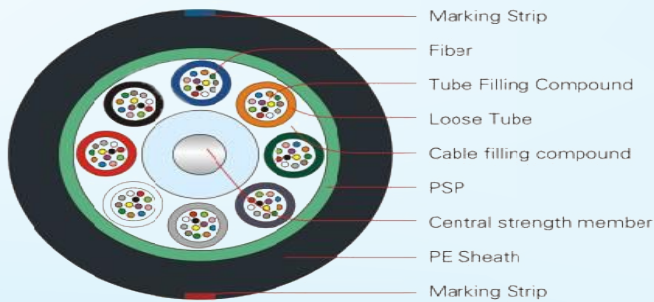
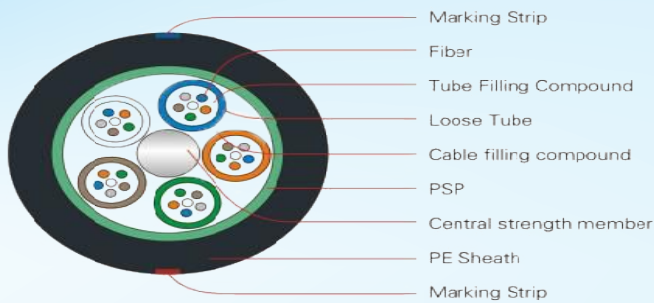


Cable Specification

Optical cable type:GYTS

Cross section of cable:



Optical fiber type and properties:

Item	Unit	Specification	
		G. 652D	
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	

TU-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 diameter mm	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 of mm	9.0	9.0	9.0	9.0	9.0	9.5	10.5	12.0	13.5	16.0
Unit weight kg/km	100	100	100	100	105	110	120	130	160	260
Outer sheath thickness mm	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.8	1.8
The wire diameter mm	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.0	2.0	2.0
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	PP
	Color	Black or Gray
Outer sheath	material	MDPE
	Color	Black
CSM	Material	Phosphating steel wire
Armoured	Material	Corrugated steel belt
Min. bending radius	Static	10 times cable diameter
	Dynamic	20 times cable diameter
Tensile performance	Long Term	1500N
Fattening	Short Term	1000N/100mm

Environmental performance

Item	Standard	Parameters
Operation temperature	IEC 60794-1-2 F1	-20°C ~ +60°C

Drum:

Optical fiber number)	Height (mm)	Width (mm)	Length(m)	Drum type
4-24	900	650	3000	Wooden plate
36-48	1000	650	3000	Wooden plate
72	120	650	3000	Wooden plate
96	130	650	3000	Wooden plate
144	150	100	3000	Wooden plate