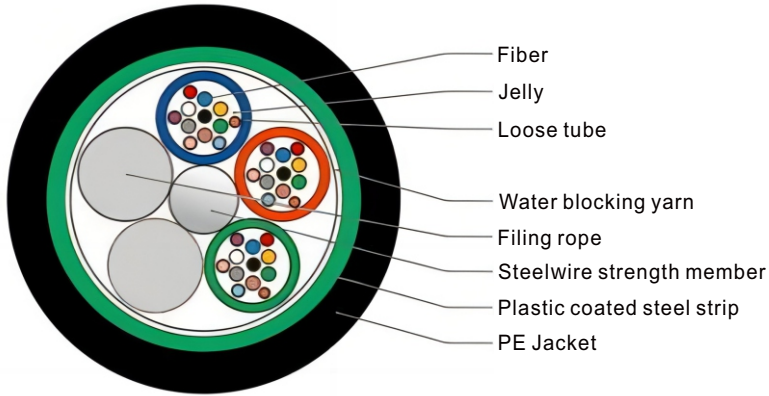


GYTS/GYTA Cable

Cross Section Of Cable



Optical Fiber Type And Properties

G6572D	
Mode field diameter	1310nm : $9.2 \pm 0.4\mu\text{m}$ 1550nm : $10.4 \pm 0.8\mu\text{m}$
Cladding diameter	$125.0 \pm 1\mu\text{m}$
Cladding non-circularity	$\leq 1.0\%$
Core/cladding concentricity error	$\leq 0.5\mu\text{m}$
Coating diameter	$242 \pm 7\mu\text{m}$
Coating/cladding concentricity error	$\leq 12\mu\text{m}$
Cable cut-off wavelength	$\leq 1260\text{nm}$
Attenuation Coefficient	1310nm : $\leq 0.4\text{dB/km}$ 1550nm : $\leq 0.3\text{dB/km}$
Proof stress level	$\geq 100\text{kpsi}$

Other parameters meet standard ITU-T G.652

Dimensions Of Cable Constructions

Fiber Count	Structure	Fibers Per Tube	Loose Tube Diameter	CSM Diameter/ Pad Diameter	Nominal Thickness Of Outer Jacket	Cable Diameter	Cable Weigh
			mm	mm	mm	mm	kg/km
4	1+5	4	1.85 ± 0.1	1.4	1.8	9.0 ± 0.2	100
6	1+5	6	1.85 ± 0.1	1.4	1.8	9.0 ± 0.2	100
8	1+5	8	1.85 ± 0.1	1.4	1.8	9.0 ± 0.2	100
12	1+5	6	1.85 ± 0.1	1.4	1.8	9.0 ± 0.2	100
24	1+5	12	1.85 ± 0.1	1.4	1.8	9.0 ± 0.2	100
36	1+5	12	1.85 ± 0.1	1.4	1.8	9.0 ± 0.2	100
48	1+5	12	1.85 ± 0.1	1.4	1.8	10.0 ± 0.2	100
72	1+6	12	1.85 ± 0.1	2.0	1.8	11.0 ± 0.2	120
96	1+8	12	1.85 ± 0.1	2.6	1.8/0.9	13.0 ± 0.2	210
144	1+12	12	1.85 ± 0.1	3.0	1.8/0.9	16.0 ± 0.2	280

Cable Performance

Fiber Color	Full color spectrum(Natural color instead of white)
Loose tube	PBT Full color spectrum
Filler Material	PE
Aarmor Material	Steel strip
CSM Material	Steel wire
Outer jacket	Material : PE Color : Black
Min. bending radius	Static : 10times cable diameter Dynamic : 20times cable diameter
Tensile performance	Short term : 1500N Long term : 600N
Crush	Short term : 1000N/100mm Long term : 300N/100mm

Environmental Performance

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

Drum

Cable Type	Drum				
	Height	Width	Height	Length	Drum type
	mm	mm	mm	mm	
GYTS	700	650	700	2	Plywood wood drum
GYTS	900	650	900	3	Plywood wood drum