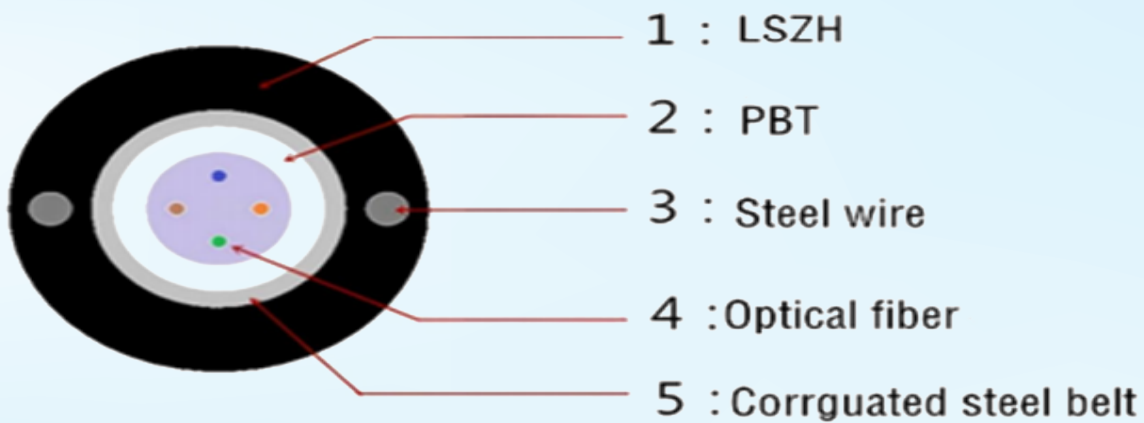


Cable Specification

Optical cable type:GYXTZW

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	≤0.4
	1550nm	dB/km	≤0.3
Proof stress level	kpsi	≥100	

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

Dimensions of cable constructions:

Fiber count	Structure	Fibers per tube	Loose tube diameter (mm)	Wire diameter (mm)	Nominal Thickness of outer jacket(mm)	Cable diameter (mm)	Cable weight (kg/km)
4	UNITUBE	12	2.0±0.1	0.7	1.7	7.0±0.5	62±5

Cable performance:

Item		Parameters
Fiber	Color	Full color spectrum (Natural color instead of white)
Loose tube	Material	PBT
	Color	Natural color
Armoured	Material	Plastic coated steel strip
Reinforced pieces	Material	Phosphating steel wire
Outer jacket	Material	LSZH
	Color	Black
Min. bending radius	Static	10 times cable diameter
	Dynamic	20 times cable diameter
Tensile performance	Short term	600N
Crush	Short term	1000N/ 100mm

Environmental performance

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

Drum:

(Cable type)	Drum				
	Height (mm)	Width (mm)	Inner diameter (mm)	Length (km)	Drum type
GYXTZW-4B1.3	600	620	250	2	Plywood wood plate