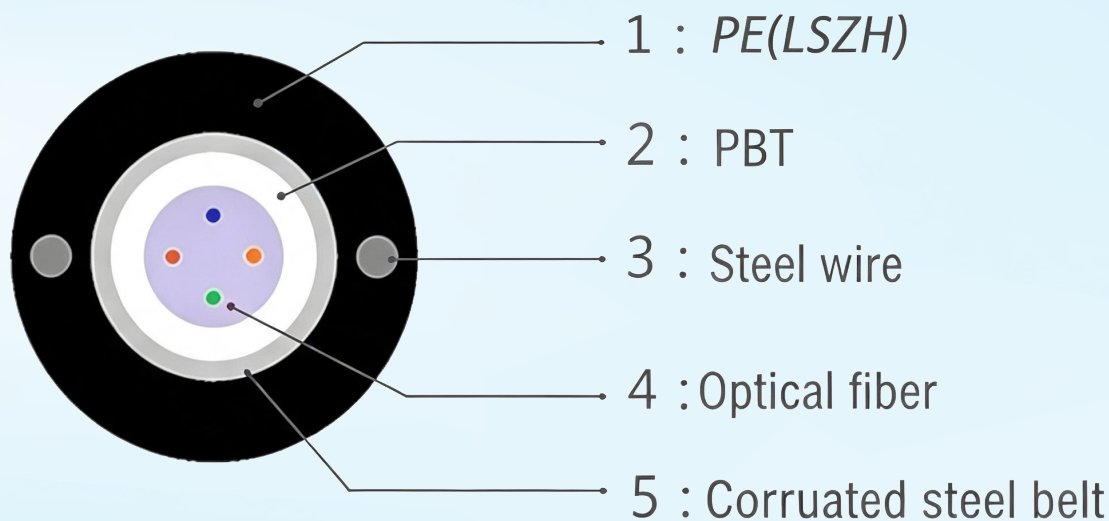
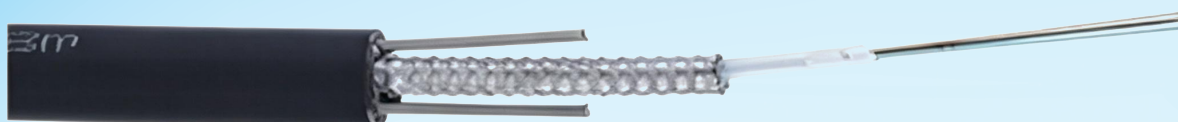


Cable Specification

Optical cable type:GYXT(Z)W

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	PE/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
GYXT(Z)W -4B1.3	600	620	250	2	Plywood wood plate