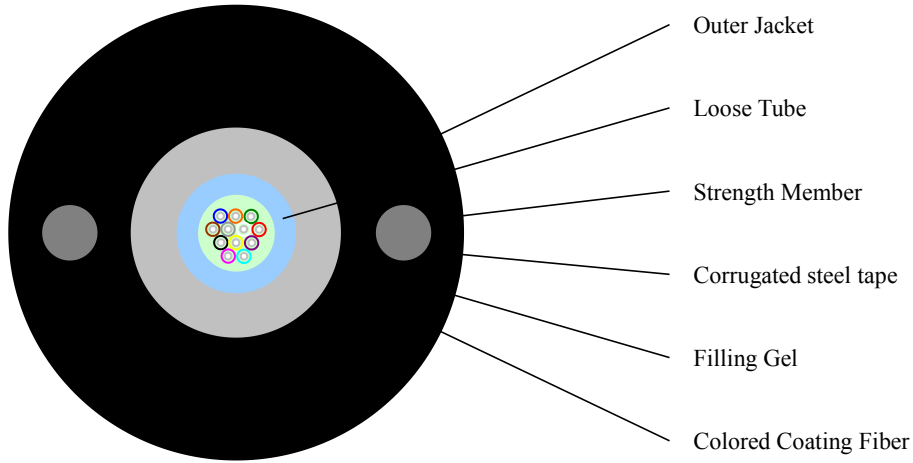


GYXTW-12B1.3(12)

Profile View



Fiber Parameters

No.	Items		Unit	Specification
				G.652D
1	Mode Field Diameter	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.5
2	Cladding Diameter		μm	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤0.36
		1550nm	dB/km	≤0.25

Cable Parameters

Items		Specifications
Fiber Count		12
Colored Coating Fiber	Dimension	250 μ m \pm 15 μ m
	Color	Blue、Orange、Green、Brown、Gray、Natural、Red、Black、Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	2.15mm \pm 0.05mm
	Material	PBT
	Color	Natural
Strength Member	Diameter	0.7mm
	Material	Steel
Outer Jacket	Dimension	7.5mm \pm 0.3mm
	Material	PE
	Color	Black

Mechanical and Environmental Characteristics

Items	Unit	Specifications
Tension (Long Term)	N	400
Tension (Short Term)	N	800
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70