

GYFXTH-4-24B1.3

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 ± 10	
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	≤ 0.24

Cable Parameters

Items		Specifications
Fiber Count		4-24
Colored Coating Fiber	Dimension	245±10μm
	Color	Blue、Orange、Green、Brown、Grey、Natural、Red、Black、Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	3.0mm±0.10mm
	Material	PBT
	Color	Blue、Orange、Green、Brown
Strength Member	Material	Glass Yarn
Outer Jacket	Dimension	6.5mm±0.20mm
	Material	LSZH
	Color	Black

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	300
Tension (Short Term)	N	1000
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	□	-20~+60
Ⅰ. Operating Temperature	□	-40~+70
Storage Temperature	□	-40~+70