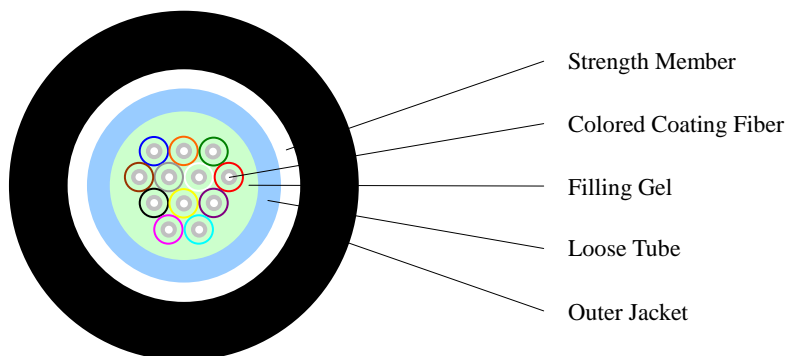


## GYFXTH - 2-12F core singlemode cable

### 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		2F TO 12F
Colored Coating Fiber	Dimension	250μm±15μm
	Color	Blue、Orange、Green、Brown、Gray、Natural、Red、Black、Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	2.0mm±0.1mm
	Material	PBT
	Color	Natural
Strength Member		Glass Yarn
Outer Jacket	Dimension	5.8mm±0.2mm
	Material	LSZH
	Color	Black/Yellow/Orange/Blue

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### Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	600
Tension (Short Term)	N	1500
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	-30~+70
Storage Temperature	°C	-30~+70