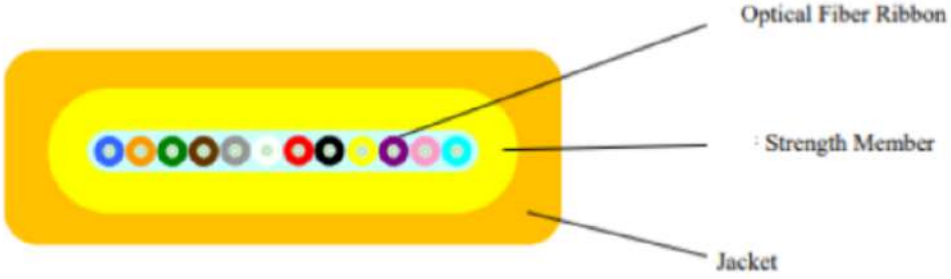
Optical Fiber Ribbon Cable GYFDTS - 12 Core

Structure:



Applications:

- Internal cable distribution
- Interconnection networks
- Steel tape, 4 km reel, G652.D standard



Specifications

1. Construction of the cable

No.	Items		Unit	Specification
				G.657B3
1	Mode Field Diameter	1310nm	μm	8.6 ± 0.4
		1550nm	μm	9.6 ± 0.5
2	Cladding Diameter		μm	125.0 ± 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	λcc ≤1260
9	Attenuation (max.)	1310nm	dB/km	≤ 0.4
		1550nm	dB/km	≤ 0.3

2. Cable Parameters

Items		Specifications
Fiber Count		12
Optical Fiber Ribbon	Dimension	3400μm*400μm
	Colored Fiber Color	Blue、Orange、Blue、Brown、Grey、Natural、Red、Black、Yellow、Purple、Pink、Aqua
Strength Member		Aramid Yarn
Jacket	Dimension	2.5 ± 0.10mm*5.0 ± 0.20mm
	Material	LSZH
	Color	Yellow
	Thickness	0.45mm ± 0.05mm

3. Mechanical and Environmental Characteristics

Items	Units	Specification
Tension（Long Term）	N	100
Tension（Short Term）	N	200
Crush（Long Term）	N/10cm	200
Crush（Short Term）	N/10cm	500
Min. Bend Radius（Dynamic）	mm	20D
Min. Bend Radius（Static）	mm	10D
Installation Temperature	℃	-10～+50
Operating Temperature	℃	-20～+60
Storage Temperature	℃	-20～+60