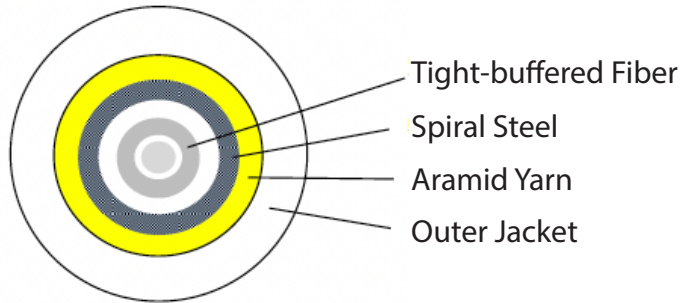


PROFILE VIEW



FIBER PARAMETERS

No	Items		Unit	Specification
				G.657B3
1.	Mode Field Diameter	1310nm	μm	8.8±0.4
		1550nm		9.8±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	242±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	≤0.35
		1550nm		≤0.21
10.	Macro-Bending Loss	1turn×5mm radius @1550nm	dB	≤0.15
		1turn×5mm radius @1625nm	dB	≤0.45

CABLE PARAMETERS

Items		Specifications
Fiber Type		SM
Fiber Count		1
Tight-buffered Fiber	Dimension	850±50µm
	Material	LsZH
	Color	White
Spiral Steel	Dimension	1.7±0.1mm
	Material	Stainless Steel Tube
Jacket	Dimension	3.0±0.2mm
	Material	LSZH(OFNR)
	Color	White
	Strength Member	Aramid Yarn

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Items	Unite	Specifications
Tension (Long Term)	N	80
Tension (Short Term)	N	150
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	3000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-0~+70