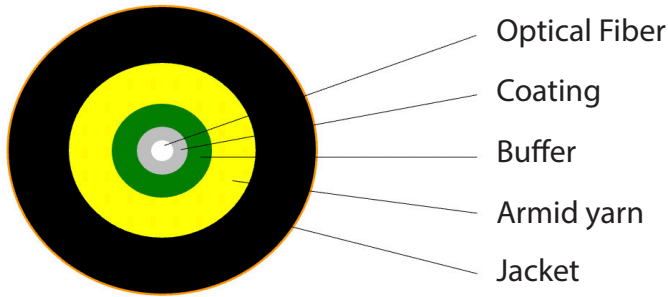


4.8MM G.657B3 Simplex Round Indoor Cable

PROFILE VIEW



FIBER PARAMETERS

No	Items		Unit	Specification
				G.657B3
1.	Mode Field Diameter	1310nm	μm	8.6±0.4
		1550nm	μm	9.8±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	≤0.35
		1550nm		≤0.21
10.	Macro-Bending Loss	1turn×5.0mm radius @1550nm	dB	≤0.5
		1turn×5.0mm radius @1625nm	dB	≤1.0

4.8MM G.657B3 Simplex Round Indoor Cable

CABLE PARAMETERS

Items		Specifications
Fiber Type		SM
Fiber Count		1
Tight-buffered Fiber	Dimension	850±50µm
	Material	LSZH
	Color	White
Jacket	Dimension	4.8±0.2mm
	Material	PVC (OFNR)
	Color	Black
	Thickness	0.90±0.05mm
Cable Weight (kg/km)		

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Items	Unite	Specifications
Tension (Long Term)	N	150
Tension (Short Term)	N	300
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	500
Min. Bend Radius (Dynamic)	mm	50D
Min. Bend Radius (Static)	mm	30D
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70