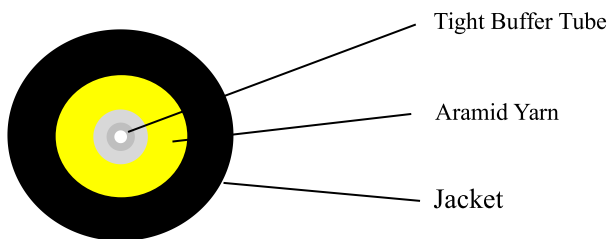


3.0MM Indoor/Outdoor Simplex Round Bulk Cable

Profile View



Fiber Parameters

No.	Items		Unit	Specification
				G.657A2
1	Mode Field Diameter	1310nm	μm	8.6 ± 0.4
		1550nm	μm	9.6 ± 0.5
2	Cladding Diameter		μm	125 ± 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	dB/km	≤ 0.2
10	Macro-Bending Loss	1turn $\times$ 7.5mm radius @1550nm	dB	≤ 0.4
		1turn $\times$ 7.5mm radius @1625nm	dB	≤ 0.8

3.0MM Indoor/Outdoor Simplex Round Bulk Cable

Cable Parameters

Items		Specifications
Fiber Type		SM
Fiber Count		1
Tight-buffered Fiber	Dimension	850±50μm
	Material	PVC
	Color	White
Jacket	Dimension	2.9±0.1mm
	Material	OFNR
	Color	Black

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension(Long Term)	N	80
Tension (Short Term)	N	150
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	500
Min Bend Radius, (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60