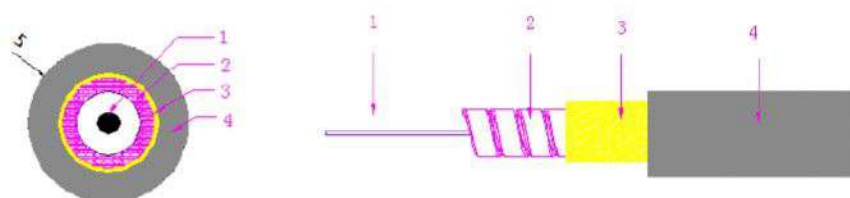


Simplex Armored Cable

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
1	Fiber Count	1
Tight-buffered Fiber	Dimension	600±50μm
	Material	LSZH
	Color	Blue
2	Dimension	1.6±0.1mm
	Material	Stainless steel
3	Strength Member	Dupont Kevlar 1110D
4	Dimension	3.0±0.2mm
	Material	LSZH
	Color	White

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Short Term)	N	300
Crush (Long Term)	N/10cm	2000
Crush (Short Term)	N/10cm	3000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+70
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-20~+70