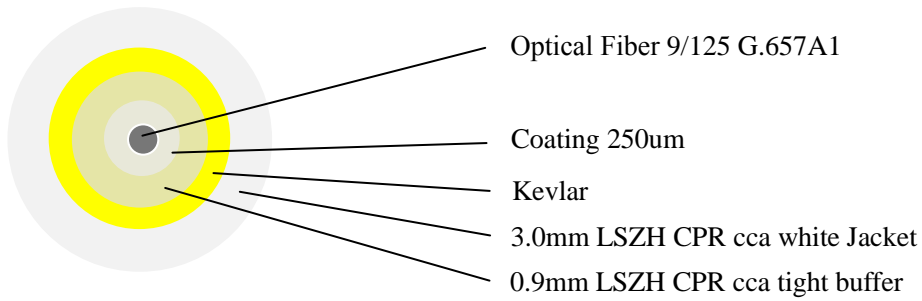


## 3mm Simplex Fiber Optic Cable, Cca, LSZH, White, G.657A1



### Cable Parameters:

Parameter		Specifications
Fiber count		1
Tight buffer	Outer diameter	0.85±0.05mm
	Material	LSZH CPR cca
	Color	White
Cable	Outer diameter	2.9±0.1mm
	Material	LSZH CPR cca
	Color	White
Strength members		Kevlar

## Cable Performances:

Parameter	Unit	Value
Tensile (Long term)	N	50
Tensile (Short term)	N	100
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	-40~+75

## FIBER PARAMETERS:

No.	Parameter		unit	Performance Specification
				G.657A1
1	Cladding Diameter		μm	125.0±0.7
2	Core-cladding concentricity		μm	≤0.5
3	Cladding non-circularity		%	≤0.7
4	Coating Diameter		μm	242±5
5	Cladding -coating concentricity		μm	<12.0
6	Mode field Diameter	1310nm	μm	8.6±0.4
		1550nm	μm	9.8±0.5
7	Fiber Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
8	Usage temperature		°C	-40~+75
9	Storage temperature		°C	-40~+75

### Naficon Liitin Oy

Lahdentie 7 D, 21660 NAUVO

Finland

Tel: +358 208 351 662

[www.naficon.fi](http://www.naficon.fi)

### Naficon Fiber Optic Manufacturing LLC

Shed-2, Nad Al Hammar

Dubai, UAE

Tel: +971 4 2514550

[sales@naficon.ae](mailto:sales@naficon.ae)