



Reference Document	Document No.	LINDEN-SPE-7036
Title	Cable Spec – STFOC Non-Kink Buoyant (250lbs)	

Cable Specification

Item No.	Component	Details
1	Cable OD	1.9 mm (0.075")
2	Cable OD Tolerance	±0.127mm (0.005")
3	Fiber	Singlemode
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Kevlar/Santoprene
5	Attenuation @ 1310 nm (dB/km)	< 0.45
6	Attenuation @ 1550 nm (dB/km)	< 0.35
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Min Bend Radius	15mm
9	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	250
10	Tensile Strength Measurement	Qualification by Calculation
11	Specific Gravity	1.01
12	Operating Temp	-60°C to +100°C
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 1.9mm (1-SM-A-27-O-47-L-75)

For color designation add the following to Cable P/N: Blue (-BLU); Brown (-BRN); Green (-GRN); Gray (-GRA); Orange (-ORN); Red (-RED); Violet (-VIO); White (-WHT); Yellow (-YEL); Black (-BLK)