



Reference Document	Document No.	LINDEN-SPE-7093
Title	Cable Spec – STFOC Non-Kink Buoyant 1.9mm MM	

Cable Specification

Item No.	Component	Details
1	Cable OD	1.9 mm (0.075") nom.
2	Fiber	Multimode (62.5/125)
3	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Kevlar/Santoprene
4	Attenuation @ 850 nm (dB/km)	3.5
5	Attenuation @ 1300 nm (dB/km)	3.0
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm
7	Min Bend Radius	15 mm
8	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	250
9	Tensile Strength Measurement	Qualification by Calculation
10	Specific Gravity	1.01
11	Operating Temp	-60°C to +100°C
12	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 1.9mm (1-I-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)