



Reference Document		Document No.		LINDEN-SPE-7083	
Title	Cable Spec – STFOC Non-Kink 1.9mm MM 50				
Rev	Date	Author	Notes		
0	10/24/14	SMO	Initial Release		

Cable Specification

Item No.	Component	Details
1	Cable OD	1.9 mm (0.075")
2	Cable OD Tolerance	±0.127mm (0.005")
3	Fiber	Multimode 50/125
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Kevlar/TPU
5	Attenuation @ 850 nm (dB/km)	< 2.5
6	Attenuation @ 1310 nm (dB/km)	< 3.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm
8	Min Bend Radius	15mm
9	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	250
10	Tensile Strength measurement	Performed 100% on all cables at stress rate ~ 100 lbs/min; average of 5 samples, 1 m samples cut from end of finished cable
11	Weight in air	3.6kg/km
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-F-A-8.5-27-O-9-45-Q-15-75);

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)
Country of Origin: United States of America