



Reference Document		Document No.	LINDEN-SPE-7084
Title	Cable Spec – STFOC Non-Kink 2.4mm MM		
Rev	Date	Author	Notes
0	10/24/14	SMO	Initial Release
1	6/11/15	SMO	Tensile Strength

Cable Specification

Item No.	Component	Details
1	Cable OD	2.4 mm (0.087")
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 (lbs); measured at stress rate ~ 100 lbs/min	450
10	Tensile Strength Measurement	Qualification by Calculation
11	Weight in air	6.8kg/km
12	Operating Temp	-60°C to +100°C
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 2.4mm (1-F-A-8.5-27-O-14-55-Q-20-95);

Color designation add the following P/N: Blue (-BLU); Brown (-BRN); Green (-GRN); Gray (-GRA); Orange (-ORN); Red (-RED); Violet (-VIO); White (-WHT); Yellow (-YEL); Neon Green (-NGN)
Country of Origin: United States of America