



Reference Document		Document No.	LINDEN-SPE-7055
Title	Cable Spec – STFOC Non-Kink Buoyant (450lbs)		
Rev	Date	Author	Notes
0	07/24/13	SMO	Initial Release
1	09/23/14	SMO	Corrected Tensile Strength to 450 lbs.
2	10/22/14	SMO	P/N

Cable Specification

Item No.	Component	Details
1	Cable OD	<3.5 mm (0.140")
2	Cable OD Tolerance	± 0.127 mm (0.005")
3	Fiber	Singlemode
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP & Kevlar Braid
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	Tensile Strength (lbs)	450 lbs.
9	Tensile Strength Measurement	Qualification by Calculation
10	Serialization	All cables will have Cable ID number for traceability
11	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 3.5mm (1-H-A-8.5-27-B-1.5-30-O-20-67-L-31-130-Q-5-140)

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