



Reference Document	Document No.	LINDEN-SPE-7070	
Title	Cable Spec – STFOC 0.030"		
Rev	Date	Author	Notes
0	10/22/14	SMO	Initial Release

Cable Specification

Item No.	Component	Details
1	Cable OD	0.762 mm (0.030")
2	Cable OD Tolerance	±0.04mm (±0.0015")
3	Fiber	Multimode
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP
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	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	50
9	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
10	Serialization	All cables will have Cable ID number for traceability
11	Test Data	A package detailing optical propagation, loss and tensile strength data will be supplied with each shipment
12	Weight	0.6 kg/km

OD (P/N): 0.762mm (1-F-A-8.5-27-B-1.5-30)

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)