

Reference Document	Document No.	LINDEN-SPE-7217
Title	Cable Spec – STFOC Non-Kink RadHard SM PI	

Cable Specification

Item No.	Component	Details
1	Cable OD	2.20 mm (0.087")
2	Cable OD Tolerance	±0.005"
3	Fiber	Singlemode Polyimide Fiber
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP
5	Attenuation @ 1310 nm (dB/km)	0.8
6	Attenuation @ 1550 nm (dB/km)	0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1500
8	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	45
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

OD (P/N): 2.2mm (1-EE-A-27-J-87)

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)