Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7079
Title	Cable Spec – STFOC Non-Kink RadHard	

Cable Specification

Item No.	Component	Details
1	Cable OD	1.65 mm (0.065”)
2	Cable OD Tolerance	±0.13mm (±0.005")
3	Fiber	DrakaElite Radiation Hardened Singlemode
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP
5	Attenuation @ 1310 nm (dB/km)	<0.6
6	Attenuation @ 1550 nm (dB/km)	<0.4
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1500
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

OD (P/N): 1.65mm (1-M-A-27-J-65-YEL)

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)