Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7109
Title	Cable Spec – Hybrid (-053)	

Cable Specification

Item No.	Component	Details
1	Cable OD	13.9 mm (0.55”)
2	Cable OD Tolerance	±0.5mm (0.02")
3	Fiber	2 x Singlemode STFOC (LINDEN-SPE-7034)
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Vectran Braid/Nylon
5	Attenuation @ 1310 nm (dB/km)	< 0.5
6	Attenuation @ 1550 nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Five (5)
9	Conductor Gauge	16 AWG
10	Tensile Strength (lbs)	15,400 lbs
11	Serialization	All cables will have Cable ID number for traceability
12	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 13.9mm (5-CU-2-FO-O-155-Q-550)

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)