Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7536
Title	Cable Spec – Hybrid (-497)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	3.4 mm (0.135”)
2	Fiber	Two (2) x Singlemode (LINDEN-SPE-7034) Tight buffered STFOC (762µm)
3	Jacket	Linden Proprietary Design; Primary strength coating: STFOC/Copper conductors/Aramid/TPU
4	Attenuation @ 1310 nm (dB/km)	< 0.5
5	Attenuation @ 1550 nm (dB/km)	< 0.5
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm
7	Number of Conductors	Five (5)
8	Conductor Gauge	Five (5) @ #26 AWG
9	Tensile Strength (lbs)	450
10	Safe Working Load (SWL)	Recommended guideline - 15% (68 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 68 mm (2.7”); MBR is application and environment dependent
12	Weight in Air (g/m)	14
13	Serialization	All cables will have Cable ID number for traceability
14	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 3.4 mm (2-FO-5-CU-O-115-Q-135)

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)