Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7597
Title	Cable Spec – Hybrid MicroTether (-549)	

Cable Specification

Item No.	Component	Details
1	Cable OD	7.3 mm (0.289”)
2	Fiber	1 x Singlemode;
3	Jacket	Linden Proprietary Design; LINDEN-SPE-7096
4	SM Attenuation @1310nm (dB/km)	< 0.6
5	SM Attenuation @1550nm (dB/km)	< 0.6
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Two (2)
8	Conductor Gauge	#14 41/30
9	Overall Jacket	Extruded TPU, Gray
10	Weight	53.6 lbs./1,000 ft.
11	Voltage Rating	600V
12	Minimum Bend Radius (MBR)	Recommended guideline – 147 mm (5.8”); MBR is application and environment dependent
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): 7.3 mm (1-FO-2-CU-EE-289)