Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7592
Title	Cable Spec – Hybrid MicroTether (-544)	

Cable Specification

Item No.	Component	Details
1	Cable OD	11.2 mm (0.440”)
2	Fiber	1 x Singlemode (LINDEN-SPE-7283)
3	Jacket	Linden Proprietary Design; PP/Vectran/PE
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	#22 AWG 17/34 PP (High Voltage) 2500V AC
9	Overall Jacket	PE, Black
10	Weight	74 lbs./1,000 ft.
11	Voltage Rating	2,500V
12	Minimum Bend Radius (MBR)	Recommended guideline – 224 mm (8.8”); 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): 11.2 mm (2-FO-2-CU-T-358-X-440)