Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7535
Title	Cable Spec – MicroTether (-496)	

Cable Specification

Item No.	Component	Details
1	Cable OD	3.5 mm (0.139”)
2	Jacket	Linden Proprietary Design; LCP/PVC/Aramid/Nylon
3	Fiber	One (1) x Singlemode (LINDEN-SPE-7034)
4	Number of Conductors	Two (2)
5	Conductor Gauge	#28 AWG 19/40
6	Attenuation @ 1310 nm (dB/km)	< 0.5
7	Attenuation @ 1550 nm (dB/km)	< 0.5
8	Weight (lbs/1,000ft)	7.5 nom.
9	Voltage Rating (V)	600
10	Tensile Strength (lbs)	1,500
11	Safe Working Load (SWL)	Recommended guideline - 15% (225 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 71 mm (2.8”); MBR is application and environment dependent
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 3.5 mm (1-FO-2-CU-O-129-BB-139)