Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7559
Title	Cable Spec – MicroTether (-511)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.0 mm (0.157”)
2	Jacket	Linden Proprietary Design; PTFE/Aramid
3	Fiber	Two (2) x Singlemode (LINDEN-SPE-7207)
4	Number of Conductors	Two (2)
5	Conductor Gauge	#26 AWG (M22759/11-26)
6	Attenuation @ 1310 nm (dB/km)	< 0.5
7	Attenuation @ 1550 nm (dB/km)	< 0.5
8	Weight (lbs/1,000ft)	11.5 nom.
9	Voltage Rating (V)	600
10	Tensile Strength (lbs)	2,200
11	Safe Working Load (SWL)	Recommended guideline - 15% (330 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 80 mm (3.1”); MBR is application and environment dependent
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 4.0 mm (2-FO-2-CU-O-157)