Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7574
Title	Cable Spec – MicroTether (-526)	

Cable Specification

Item No.	Component	Details
1	Cable OD	3.4 mm (0.133”)
2	Fiber	None
3	Jacket	Linden Proprietary Design; ETFE/Kevlar/Abrasion Resistant Jacket
4	SM Attenuation @1310nm (dB/km)	N/A
5	SM Attenuation @1550nm (dB/km)	N/A
6	Optical Propagation Loss Measurements	N/A
7	Number of Conductors	Two (2)
8	Conductor Gauge	#20 AWG M22759/33-20
9	Overall Jacket	Natural
10	Voltage Rating	600V
11	Tensile Strength (lbf)	250
12	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
13	Weight	12 lbs./ 1,000 ft.
14	Minimum Bend Radius (MBR)	Recommended guideline – 2.7” (68 mm); MBR is application and environment dependent
15	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 3.4 mm (2-CU-O-133-Q-133)

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)