Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7505
Title	Cable Spec – MicroTether (-466)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	3.9 mm (0.154”)
2	Fiber	Three (3) x LINDEN-SPE-7034 (1-channel singlemode)
3	Jacket	Linden Proprietary Design; ETFE/Aramid Braid/Nylon
4	Attenuation @ 1310 nm (dB/km)	0.5
5	Attenuation @ 1550 nm (dB/km)	0.5
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Two (2) x #16 AWG
8	Conductor Gauge	#16 M22759/18-16
9	Tensile Strength (lbs)	250
10	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 78 mm (3.1”); MBR is application and environment dependent
12	Weight in Air (g/m)	28.5
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 3.9 mm (3-FO-2-CU-O-144-BB-154)

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)