Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7525
Title	Cable Spec – MicroTether (-486)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	8.1 mm (0.318”)
2	Fiber	Two (2) x LINDEN-SPE-7283 (2-channel singlemode GFLT)
3	Jacket	Linden Proprietary Design; PVC/Aramid Braid/Polyester Braid
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 #24 AWG
8	Conductor Gauge	#24 19/36
9	Tensile Strength (lbs)	5,000
10	Safe Working Load (SWL)	Recommended guideline - 15% (750 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 162 mm (6.4”); MBR is application and environment dependent
12	Weight in Air (g/m)	56
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 8.1 mm (4-FO-2-CU-O-226-OO-318)

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)