Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7576
Title	Cable Spec – MicroTether (-528)	

Cable Specification

Item No.	Component	Details
1	Cable OD	10.0 mm (0.393”)
2	Fiber	One (1) x LINDEN-SPE-7098; 1-ch singlemode fiber optic cable
3	Jacket	Linden Proprietary Design; Fibers/Polypropylene/Aramid/Polyester
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	Tensile Strength (lbs)	1,100 lbs
8	Safe Working Load (SWL)	Recommended guideline - 15% (165 lbs); SWL is application and environment dependent
9	Minimum Bend Radius (MBR)	Recommended guideline - 200 mm (8”); MBR is application and environment dependent
10	Nom. Weight in Air	160 kg/km
11	Serialization	All cables will have Cable ID number for traceability
12	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 10.0mm (1-FO-2-CU-P-343-O-353-OO-393)

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)