



Reference Document	Document No.	LINDEN-SPE-7475
Title	Cable Spec – MicroTether (-437)	

Cable Specification

Item No.	Component	Details
1	Cable OD	12 mm (0.470")
2	Fiber	None
3	Jacket	Linden Proprietary Design; PVC/PP/Nylon
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	2 (Two) sets of Twisted Pairs
8	Conductor Gauge	16 AWG 19/29
9	Overall Jacket	Nylon/Black
10	Voltage Rating	600V
11	Weight	104 lbs./ 1,000 ft. (155 g/m)
12	Minimum Bend Radius (MBR)	Recommended guideline – 9.4" (239 mm); MBR is application and environment dependent
13	Tensile Strength (lbs)	15,400
14	Safe Working Load (SWL)	Recommended guideline - 15% (2,310 lbs); SWL is application and environment dependent
15	Serialization	All cables will have Cable ID number for traceability
16	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 12 mm (4-CU-P-237-O-390-B-470)

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)