



Reference Document	Document No.	LINDEN-SPE-7337
Title	Cable Spec – MicroTether (-306)	

Cable Specification

Item No.	Component	Details
1	Cable OD	3.6 mm (0.140")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	None
4	Jacket	Linden Proprietary Design; PTFE/Aramid Braid/LDP
5	Attenuation @ 1310 nm (dB/km)	N/A
6	Attenuation @ 1550 nm (dB/km)	N/A
7	Optical Propagation Loss Measurements	N/A
8	Number of Conductors	Four (4)
9	Conductor Gauge	Two (2) x #24 AWG [MIL-W-22759/11-24]; Two (2) x #28 AWG [MIL-W-22759/11-28]
10	Voltage Rating	600 V
11	Cable Weight (lbs./1,000 ft.)	12
12	Tensile Strength (lbs)	250
13	Safe Working Load (SWL)	Recommended guideline - 15% (17 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 72 mm (2.8"); MBR 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): 3.6 mm (4-CU-O-120-R-140)

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)