



Reference Document	Document No.	LINDEN-SPE-7270
Title	Cable Spec – Copper MicroTether (-241)	

Cable Specification

Item No.	Component	Details
1	Cable OD	6.43 mm (0.253")
2	Cable OD Tolerance	±0.4mm (0.015")
3	Fiber	None
4	Jacket	Linden Proprietary Design; PVC/TPA
5	SM Attenuation @1310nm (dB/km)	None
6	SM Attenuation @1550nm (dB/km)	None
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Two (2) x #24 AWG Mil-Spec M16878/3-24
9	Conductor Gauge	#24 AWG, 19/36
10	Tensile Strength	N/A
11	Overall Jacket	Extruded TPA (Black)
12	Voltage Rating	1,500V
13	Minimum Bend Radius (MBR)	Recommended guideline - 128 mm (5"); MBR is application and environment dependent
14	Nominal Weight	12.7 lbs./ 1,000 ft.
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): 6.43 mm (2-CU-EE-253)