



Reference Document	Document No.	LINDEN-SPE-7215
Title	Cable Spec – Hybrid MicroTether (-173)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	3.3 mm (0.130")
2	Fiber	1 x Singlemode;
3	Jacket	Linden Proprietary Design; LINDEN-SPE-7096
4	SM Attenuation @1310nm (dB/km)	< 0.7
5	SM Attenuation @1550nm (dB/km)	< 0.8
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	2 x 20 AWG Mil-Spec M22759/34-20 + 1 x #26 AWG uninsulated ground
8	Conductor Gauge	20 AWG
9	Tensile Strength	250 lbs.
10	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 66 mm (2.6"); MBR is application and environment dependent
12	Overall Jacket	Nylon Braid, Gray
13	Voltage Rating	600V
14	Nominal Weight	19.5 g/m (13 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): 3.3mm (1-FO-3-CU-O-125-BB-130-22759)