



Reference Document	Document No.	LINDEN-SPE-7258
Title	Cable Spec – Hybrid MicroTether (-228)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	3.4 mm (0.133")
2	Cable OD Tolerance	±0.4mm (0.015")
3	Fiber	1 x Singlemode;
4	Jacket	Linden Proprietary Design; LINDEN-SPE-7096
5	SM Attenuation @1310nm (dB/km)	< 0.6
6	SM Attenuation @1550nm (dB/km)	< 0.6
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Two (2) x 20 AWG Mil-Spec M22759/11-20 + One (1) x #26 AWG Mil-Spec M22759/11-26
9	Conductor Gauge	#20 AWG & #26 AWG
10	Tensile Strength	25 lbs.
11	Minimum Bend Radius (MBR)	Recommended guideline - 68 mm (2.6"); MBR is application and environment dependent
12	Overall Jacket	Nylon Braid, Gray
13	Voltage Rating	600V
14	Nominal Weight	12.8 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): 3.4mm (1-FO-3-CU-BB-133)