



Reference Document	Document No.	LINDEN-SPE-7502
Title	Cable Spec – Hybrid MicroTether (-463)	

Cable Specification

Item No.	Component	Details
1	Cable OD	5.0 mm (0.197”) nom.
2	Fiber	8 x Singlemode;
3	Jacket	Linden Proprietary Design; LINDEN-SPE-7267
4	SM Attenuation @1310nm (dB/km)	< 0.6
5	SM Attenuation @1550nm (dB/km)	< 0.6
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Two (2)
8	Conductor Gauge	18 AWG (M16878/5-BHE-9) 19/30
9	Overall Jacket	Kevlar, Natural
10	Voltage Rating	1,000V
11	Weight	21.0 lbs./ 1,000 ft.
12	Tensile Strength (lbf)	250
13	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 100 mm (3.9”); 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): 5.0 mm (8-FO-2-CU-O-197)