



Reference Document	Document No.	LINDEN-SPE-7472
Title	Cable Spec – Hybrid MicroTether (-434)	

Cable Specification

Item No.	Component	Details
1	Cable OD	5.2 mm (0.205")
2	Fiber	Four (4) x Singlemode; Two (2) x LINDEN-SPE-7283
3	Jacket	Linden Proprietary Design; LINDEN-SPE-7283
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	2 (Two)
8	Conductor Gauge	18 AWG M22759/10-18
9	Overall Jacket	Nylon Braid, Gray
10	Voltage Rating	1,000V
11	Weight	23.6 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 – 4" (104 mm); 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): 5.2 mm (4-SM-2-CU-O-185-BB-205)