



Reference Document	Document No.	LINDEN-SPE-7181
Title	Cable Spec – Hybrid MicroTether (-144)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.5 mm (0.18")
2	Cable OD Tolerance	±0.4mm (0.015")
3	Fiber	2 x Singlemode;
4	Jacket	Linden Proprietary Design; LINDEN-SPE-7034
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	2 (Two) 1 x M22759/11-24-0 (BLACK) 1 x M22759/11-24-2 (RED)
9	Conductor Gauge	24 AWG
10	Overall Jacket	Extruded TPA (Black)
11	Voltage Rating	600V
12	Minimum Bend Radius (MBR)	Recommended guideline - 90 mm (3.6"); MBR is application and environment dependent
13	Weight	7 lbs./ 1,000 ft.
14	Serialization	All cables will have Cable ID number for traceability
15	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 4.5mm (2-FO-2-CU-EE-180-22759-24)