



Reference Document	Document No.	LINDEN-SPE-7232
Title	Cable Spec – Hybrid MicroTether (-192)	

Cable Specification

Item No.	Component	Details
1	Cable OD	6.52mm (0.257")
2	Cable OD Tolerance	±0.25mm (0.010")
3	Fiber	2 x Singlemode;
4	Jacket	Linden Proprietary Design; LINDEN-SPE-7034
5	SM Attenuation @1310nm (dB/km)	< 0.5
6	SM Attenuation @1550nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Three (3)
9	Conductor Gauge	2 x 24 AWG; 1 x 26 AWG (Drain)
10	Inner Jacket / Overall Jacket	Polyethylene / Extruded Thermoplastic
11	Weight	27 lbs./1,000 ft.
12	Voltage Rating	500V
13	Tensile Strength (lbs)	2,000
14	Safe Working Load (SWL)	Recommended guideline - 15% (300 lbs); SWL is application and environment dependent
15	Minimum Bend Radius (MBR)	Recommended guideline - 130 mm (5"); MBR is application and environment dependent
16	Serialization	All cables will have Cable ID number for traceability
17	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 6.45mm (2-FO-3-CU-S-130-O-191-Q-257-YEL)