



Reference Document	Document No.	LINDEN-SPE-7426
Title	Cable Spec – MicroTether (-387)	

Cable Specification

Item No.	Component	Details
1	Cable OD	8.35 mm (0.329")
2	Fiber	1 x LINDEN-SPE-7283 (2 x singlemode fibers)
3	Jacket	Linden Proprietary Design; PTFE/polyurethane
4	Number of Conductors	Two (2)
5	Conductor Gauge	#20 AWG 19/32, M22759/10-20
6	Attenuation @ 1310 nm (dB/km)	< 0.6
7	Attenuation @ 1550 nm (dB/km)	< 0.6
8	Weight, lbs/1,000ft / (g/m)	37 / (55) nom.
9	Voltage Rating (V)	1,000
10	Resistance (Ω /1,000ft)	9.19
11	Minimum Bend Radius (MBR)	Recommended guideline -167 mm (6.6"); MBR is application and environment dependent
12	Tensile Strength, lbs / (kg)	5,250 / (2,386)
13	Safe Working Load (SWL)	Recommended guideline - 15% (787 lbs / 357 kg); SWL is application and environment dependent
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): 8.35 mm (2-FO-2-CU-O-229-FQ-329)