



Reference Document	Document No.	LINDEN-SPE-7341
Title	Cable Spec – MicroTether (-310)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	13.2 mm (0.520")
2	Cable OD Tolerance	±0.5 mm (0.02")
3	Fiber	One (1) x LINDEN-SPE-7283; 2 x singlemode
4	Jacket	Linden Proprietary Design; Tape Wrap/Braid Shield/Vectran Braid/Nylon
5	Attenuation @ 1310 nm (dB/km)	< 0.5
6	Attenuation @ 1550 nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Two (2)
9	Conductor Gauge	Two (2) @ #16 AWG
10	Tensile Strength (lbs)	12,000
11	Safe Working Load (SWL)	Recommended guideline - 15% (1,800 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 270 mm (10.6"); MBR is application and environment dependent
13	Weight in Air	Nom. 140 g/m
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): 13.2 mm (2-FO-2-CU-NN-216-T-422-B-520)

For color designation add the following to Cable P/N: Blue (-BLU); Brown (-BRN); Green (-GRN); Gray (-GRA); Orange (-ORN); Red (-RED); Violet (-VIO); White (-WHT); Yellow (-YEL); Black (-BLK)