



Reference Document	Document No.	LINDEN-SPE-7352
Title	Cable Spec – MicroTether (-320)	

Cable Specification

Item No.	Component	Details
1	Cable OD	3.5 mm (0.140")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	1 x Singlemode STFOC (LINDEN-SPE-7096)
4	Jacket	Linden Proprietary Design; PP/STFOC/Aramid Braid/TPU
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) x #24 AWG
10	Voltage Rating	1,000 V
11	Cable Weight (lbs./1,000 ft.)	8.4
12	Tensile Strength (lbs)	125
13	Safe Working Load (SWL)	Recommended guideline - 20% (25 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 71 mm (2.8"); 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): 3.5 mm (1-FO-2-CU-O-100-Q-140)

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)