



Reference Document	Document No.	LINDEN-SPE-7386
Title	Cable Spec – Hybrid (-348)	

Cable Specification

Item No.	Component	Details
1	Cable OD	11 mm (0.434")
2	Cable OD Tolerance	±0.38mm (0.015")
3	Fiber	1 x Singlemode (LINDEN-SPE-7196)
4	Jacket	Linden Proprietary Design; Primary strength coating: PP/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	2 @ 17 AWG; 1 @ 26 AWG (drain wires);
10	Calculated SG	1.1
11	Tensile Strength (lbs)	1,200
12	Safe Working Load (SWL)	Recommended guideline - 15% (180 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline – 220 mm (8.7"); MBR 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): 11mm (1-FO-2-CU-X-228-O-288-FQ-434)

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)