



Reference Document	Document No.	LINDEN-SPE-7194
Title	Cable Spec – Hybrid (-168)	

Cable Specification

Item No.	Component	Details
1	Cable OD	26.3 mm (1.036")
2	Cable OD Tolerance	±0.50mm (0.02")
3	Fiber	1 x Singlemode STFOC (LINDEN-SPE-7043)
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/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	8 AWG
10	Voltage Rating	1,000V
11	Tensile Strength (lbs)	1,250 lbs
12	Safe Working Load (SWL)	Recommended guideline - 15% (188 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 526 mm (20.7"); MBR is application and environment dependent
14	Density	Nominal 0.97 g/cc
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): 26.3 mm (1-FO-2-CU-O-420-FQ-1036)

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)