



Reference Document	Document No.	LINDEN-SPE-7327
Title	Cable Spec – Hybrid (-297)	

Cable Specification

Item No.	Component	Details
1	Cable OD	7.5 mm (0.295")
2	Fiber	1 x LINDEN-SPE-7284 (2 x singlemode)
3	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Aramid Braid/TPU/Stainless Steel Braid
4	Attenuation @ 1310 nm (dB/km)	< 0.5
5	Attenuation @ 1550 nm (dB/km)	< 0.5
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Two (2)
8	Conductor Gauge	#20 AWG Twisted Pair + 1 x #28 AWG
9	Voltage Rating	600 VDC
10	Tensile Strength (lbs)	3,200 lbs
11	Safe Working Load (SWL)	Recommended guideline - 15% (480 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 150 mm (5.9"); MBR is application and environment dependent
13	Density (g/cm ³)	1.78
14	Linear Weight (g/m)	78.5
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): 7.5 mm (2-FO-3-CU-O-194-FQ-250-NN-295)