



Reference Document	Document No.	LINDEN-SPE-7348
Title	Cable Spec – Hybrid (-317)	

Cable Specification

Item No.	Component	Details
1	Cable OD	18 mm (0.710")
2	Fiber	8 x Singlemode Gel-Filled Loose-Tube (fiber colors: Blue, Orange, Green, Brown, Slate, White, Red, Black)
3	Construction	Linden Proprietary Design; Polypropylene/Polyethylene/Aramid/TPU
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	#18AWG (19/30)
9	Voltage Rating	600 V
10	Tensile Strength (lbs)	30,000
11	Safe Working Load (SWL)	Recommended guideline - 15% (4,500 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 360 mm (14.2"); MBR is application and environment dependent
13	Serialization	All cables will have Cable ID number for traceability
14	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 18 mm (8-FO-2-CU-Q-223-O-583-Q-710-BLK)

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)