



Reference Document	Document No.	LINDEN-SPE-7323
Title	Cable Spec – Hybrid (-293)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	12.4 mm (0.490")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	2 x Singlemode Gel-Filled Loose-Tube
4	Jacket	Linden Proprietary Design; PTFE/Polyethylene/Aramid Braid/Polyester Braid
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	#20 AWG [M16878/4]
10	Voltage Rating	600 V
11	Cable Weight (lbs./1,000 ft.)	65
12	Tensile Strength (lbs)	13,500
13	Safe Working Load (SWL)	Recommended guideline - 15% (2,025 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 236 mm (9.3"); 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): 12.4 mm (2-FO-2-CU-S-122-T-425-00-465)

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)