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Reference Document	Document No.	LINDEN-SPE-7178
Title	Cable Spec – Hybrid (-142)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	12.3 mm (0.366")
2	Cable OD Tolerance	$\pm 0.4$ mm (0.015")
3	Fiber	2 x Singlemode loose tube
4	Jacket	Linden Proprietary Design; Vectran/TPE/TPU [Neutrally Buoyant]
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	Five (5)
9	Conductor Gauge	4 x 18 AWG, 1 x STP (24 AWG)
11	Tensile Strength (lbs)	1,760
12	Serialization	All cables will have Cable ID number for traceability
13	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 12.3 mm (5-CU-1-FO-O-246-M-405-Q-484)

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)