



Reference Document	Document No.	LINDEN-SPE-7127
Title	Cable Spec – Hybrid (-078)	

Cable Specification

Item No.	Component	Details
1	Cable OD	19.3 mm (0.760")
2	Cable OD Tolerance	± 0.6 mm (0.02")
3	Fiber	3 x Singlemode; 1 x multimode (FIMT)
4	Jacket	Linden Proprietary Design; Primary strength coating: FIMT/Vectran Braid/TPU
5	SM Attenuation @1310nm (dB/km)	< 0.6
6	SM Attenuation @1550nm (dB/km)	< 0.6
7	MM Attenuation @850nm (dB/km)	< 3.5
8	MM Attenuation @1300nm (dB/km)	< 1.5
9	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
10	Number of Conductors	Six (6)
11	Conductor Gauge	20 AWG
12	Tensile Strength (lbs)	15,400
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): 19.3mm (3-SM-1-MM-6-CU-Q-410-Q-760)

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)