



Reference Document	Document No.	LINDEN-SPE-7466
Title	Cable Spec – Hybrid (-429)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	7.9 mm (0.310")
2	Fiber	One (1) x LINDEN-SPE-7264 (4-ch singlemode)
3	Jacket	Linden Proprietary Design; PVC/Aluminum-Mylar Tape/Aramid Braid/TPU
4	Attenuation @ 1310 nm (dB/km)	0.6
5	Attenuation @ 1550 nm (dB/km)	0.6
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Three (3) + Coax
8	Conductor Gauge	#14 AWG
9	Voltage Rating	300V
10	Resistance	2.9 Ω/1,000 ft (9.5 Ω/km)
11	Tensile Strength (lbs)	750
12	Safe Working Load (SWL)	Recommended guideline - 15% (113 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 157 mm (6.2"); MBR is application and environment dependent
14	Weight in Air (g/m)	84
15	Operating Temperature (°C)	-55 to 100
16	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 7.9 mm (1-FO-3-CU-PP-O-250-Q-310)

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)