



Reference Document	Document No.	LINDEN-SPE-7480
Title	Cable Spec – Hybrid (-442)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	14.0 mm (0.550")
2	Fiber	1 x LINDEN-SPE-7098, Singlemode fiber
3	Jacket	Linden Proprietary Design; Polyethylene/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	Twelve (12) x #22 AWG M22759/11-22
8	Conductor Gauge	#22
9	Tensile Strength (lbs)	1,000
10	Safe Working Load (SWL)	Recommended guideline - 15% (150 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 280 mm (11"); MBR is application and environment dependent
12	Weight in Air (g/m)	158
13	S.G.	1.03
14	Operating Temperature (°C)	-40 to 90
15	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 14.0 mm (1-FO-12-CU-O-287-FQ-550)

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)