



Reference Document	Document No.	LINDEN-SPE-7249
Title	Cable Spec – Buoyant Hybrid (-211)	

Cable Specification

Item No.	Component	Details
1	Cable OD	17.11 mm (0.674")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	Two (2) x LINDEN-SPE-7096
4	Jacket	Linden Proprietary Design; Aramid Braid/Foamed TPU
5	Attenuation @ 1310 nm (dB/km)	<0.6
6	Attenuation @ 1550 nm (dB/km)	<0.6
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	S.G.	Nom.1.0
9	Number of Conductors	Five (5)
10	Conductor Gauge	4 x 16 AWG; 1 x 28 AWG Twisted Pair
11	Voltage Rating	600V
12	Tensile Strength (lbs)	3,200
13	Safe Working Load (SWL)	Recommended guideline - 15% (480 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 340 mm (8.6"); 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): 17.11 mm (2-FO-5-CU-X-252-O-282-FQ-674-ORN)

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)