



Reference Document	Document No.	LINDEN-SPE-7240
Title	Cable Spec – Copper (-186)	

## Cable Specification

Item No.	Component	Details
1	Cable OD nom.	10.7 mm (0.420")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	None
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Aramid Braid/Foamed TPU
5	Attenuation @ 1310 nm (dB/km)	N/A
6	Attenuation @ 1550 nm (dB/km)	N/A
7	Optical Propagation Loss Measurements	N/A
8	Number of Conductors	Seven (7)
9	Conductor Gauge	Four (4) @ #16 AWG; Three (3) #24 AWG Twisted Pairs
10	Voltage Rating	Conductor: 600 V Twisted Pair: 400V
11	Impedance	Conductor: < 20 Ohms/km Twisted Pair: < 90 Ohms/km
12	Tensile Strength (lbs)	2,500 lbs
13	Safe Working Load (SWL)	Recommended guideline - 15% (375 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 214 mm (8.40"); MBR is application and environment dependent
15	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 10.7mm (7-CU-M-266-O-320-FQ-420-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)

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