



Reference Document	Document No.	LINDEN-SPE-7301
Title	Cable Spec – Copper (-276)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	7.6 mm (0.300")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	None
4	Jacket	Linden Proprietary Design; PP/Aramid/Polyurethane
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	Two (2)
9	Conductor Gauge	#20 AWG
10	Voltage Rating	1,000V
11	Insulation Resistance	3,000 megaohm-km
12	Tensile Strength (lbs)	6,667
13	Safe Working Load (SWL)	Recommended guideline - 15% (1,000 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 152 mm (6"); MBR is application and environment dependent
15	S.G.	1.02 nom.
16	Operating Temperature (°C)	-55 to 100
17	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 7.6 mm (2-CU-O-200-FQ-300-BLK)

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)