



Reference Document	Document No.	LINDEN-SPE-7295
Title	Cable Spec – Hybrid (-270)	

Cable Specification

Item No.	Component	Details
1	Cable OD	8.3 mm (0.326")
2	Cable OD Tolerance	±1mm (0.04")
3	Fiber	2 x LINDEN-SPE-7197 (Multimode 50/125)
4	Jacket	Linden Proprietary Design; Cabled elements/Tape Wrap/Aramid Braid/TPU
5	Attenuation @ 1300 nm (dB/km)	< 3.5
6	Attenuation @ 850 nm (dB/km)	< 1.0
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1300nm
8	Number of Conductors	Three (3)
9	Conductor Gauge	18 AWG
10	Tensile Strength (lbs)	250
11	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 165 mm (6.5"); MBR is application and environment dependent
13	Weight in Air	Nom. 70.5 g/m
14	Serialization	All cables will have Cable ID number for traceability
15	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 8.3 mm (2-FO-3-CU-O-266-Q-326-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)