



Reference Document	Document No.	LINDEN-SPE-7231
Title	Cable Spec – Hybrid (-191)	

Cable Specification

Item No.	Component	Details
1	Cable OD	23.4 mm (0.923")
2	Cable OD Tolerance	±0.75mm (0.03")
3	Fiber	3 x Singlemode
4	Jacket	Linden Proprietary Design; Loose Tube fiber optic/Aluminum-Polyester Tape Wrap/PE/Aramid Braid/Foamed TPU
5	Attenuation @ 1310 nm (dB/km)	< 0.5
6	Attenuation @ 1550 nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Four (4)
9	Conductor Gauge	Three (3) x #11 AWG, One (1) x #20 AWG Shielded Twisted Pair
10	Calculated SG	1
11	Tensile Strength (lbs)	15,500
12	Safe Working Load (SWL)	Recommended guideline - 15% (2,325 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 468 mm (18.46"); MBR is application and environment dependent
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): 23.4 mm (3-FO-4-CU-O-764-FQ-923-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)