



Reference Document	Document No.	LINDEN-SPE-7227
Title	Cable Spec – Hybrid (-186)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	12.0 mm (0.47")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	2 x Singlemode STFOC (LINDEN-SPE-7034)
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Vectran Braid/Polyester
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	Six (6)
9	Conductor Gauge	Four (4) @ #16 AWG; Two (2) #24 AWG Twisted Pairs
10	Tensile Strength (lbs)	5,000
11	Linear Weight (lbs/1,000 ft)	115
12	Safe Working Load (SWL)	Recommended guideline - 15% (750 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 240 mm (9.4"); 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): 12.0mm (2-FO-6-CU-X-297-O-327-DD-470-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)