



Reference Document	Document No.	LINDEN-SPE-7255
Title	Cable Spec – Hybrid (-223)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	12.2 mm (0.48")
2	Cable OD Tolerance	±1mm (0.04")
3	Fiber	6 x Singlemode (LINDEN-SPE-7096)
4	Jacket	Linden Proprietary Design; Conductors+Fibers/Vectran/Spiral Shield/Nylon
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	18 AWG
10	Tensile Strength (lbs)	13,800
11	Safe Working Load (SWL)	Recommended guideline - 15% (2,070 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 244 mm (9.6"); MBR is application and environment dependent
13	Nom. Weight in Air	198 kg/km
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): 12.2mm (6-FO-6-CU-O-336-B-480-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)