



Reference Document	Document No.	LINDEN-SPE-7252
Title	Cable Spec – Hybrid (-218)	

Cable Specification

Item No.	Component	Details
1	Cable OD	20.3 mm (0.80")
2	Cable OD Tolerance	±1mm (0.04")
3	Fiber	2 x Singlemode
4	Jacket	Linden Proprietary Design; Primary strength coating: Polymer Loose Tube/LDPE/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	18 AWG
10	Tensile Strength (lbs)	2,300
11	Safe Working Load (SWL)	Recommended guideline - 15% (345 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 406 mm (16"); MBR is application and environment dependent
13	Nom. Weight in Sea Water	0 kg/km
14	Nom. Weight in Air	270 kg/km
15	Serialization	All cables will have Cable ID number for traceability
16	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 20.3mm (2-FO-4-CU-M-496-O-536-FQ-800-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)