



Reference Document	Document No.	LINDEN-SPE-7281
Title	Cable Spec – High Strength Buoyant, 2-channel, (-254)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	4.4 mm (0.174") nom.
2	Fiber	2 x Singlemode
3	Jacket	Linden Proprietary Design; Fibers/Aramid/LDP
4	Attenuation @ 1310 nm (dB/km)	< 0.5
5	Attenuation @ 1550 nm (dB/km)	< 0.5
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1300nm
7	S.G.	Nom. 1.03
8	Tensile Strength (lbs)	1,350 lbs
9	Safe Working Load (SWL)	Recommended guideline - 15% (200 lbs); SWL is application and environment dependent
10	Minimum Bend Radius (MBR)	Recommended guideline - 88 mm (3.5"); MBR is application and environment dependent
11	Nom. Weight in Air	Nom. 15 kg/km
12	Serialization	All cables will have Cable ID number for traceability
13	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 4.4 mm (2-SM-V-63-O-134-FQ-174)

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)