



Reference Document	Document No.	LINDEN-SPE-7280
Title	Cable Spec – High Strength Buoyant, 4-channel, (-252)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	8.6 mm (0.340”) nom.
2	Fiber	4 x Multimode (50/125)
3	Jacket	Linden Proprietary Design; Fibers/Aramid/LDP/Polyurethane (Shore 85A)
4	Attenuation @ 850 nm (dB/km)	3.5
5	Attenuation @ 1300 nm (dB/km)	3.0
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1300nm
7	S.G.	Nom. 1.03
8	Tensile Strength (lbs)	2,200 lbs
9	Safe Working Load (SWL)	Recommended guideline - 15% (330 lbs); SWL is application and environment dependent
10	Minimum Bend Radius (MBR)	Recommended guideline - 172 mm (6.8”); MBR is application and environment dependent
11	Nom. Weight in Air	Nom. 60 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): 8.6 mm (4-FO-O-170-L-300-GG-340)

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)