



Reference Document	Document No.	LINDEN-SPE-7294
Title	Cable Spec – Four Channel RadHard	

Cable Specification

Item No.	Component	Details
1	Cable OD	3.5 mm (0.137")
2	Cable OD Tolerance	±0.254mm (0.01")
3	Fiber	Two (2) x Draka Elite RadHard Single-Mode Fiber (MIL-PRF-49291/7) + two (2) x Draka Elite RadHard 50um Multimode Fiber (MIL-PRF-49291/1)
4	Jacket	Linden Proprietary Design; RadHard Hytrel/Kevlar/FEP
5	Singlemode Attenuation @ 1310 nm (dB/km)	0.6
6	Singlemode Attenuation @ 1550 nm (dB/km)	0.6
7	Multimode Attenuation @ 850 nm (dB/km)	3.5
8	Multimode Attenuation @ 1310 nm (dB/km)	1.0
9	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
10	Minimum Bend Radius (MBR)	Recommended guideline - 70 mm (2.74"); MBR is application and environment dependent
11	Tensile Strength (lb)	250
13	Operating Temp	-55°C to +85°C
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 3.5 mm (4-FO-U-102-O-122-J-137)

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)