Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7625
Title	Cable Spec – 12 Channel Ribbon, RadHard, High Temp	

Cable Specification

Item No.	Component	Details
1	Fiber	Twelve (12) x Prysmian RadHard 50 µm Multimode fiber with HTA coating
2	Jacket	Fluoropolymer Buffering System
3	Color	White
4	Cable Average Dimensions (mm)	0.56 x 3.6
5	Attenuation @ 850 nm (dB/km)	4.0
6	Attenuation @ 1300 nm (dB/km)	2.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 850 nm & 1300 nm
8	Tensile Strength (N)	500
9	Ribbon Color Code (Color Coding Optional)	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua
10	Nom. Weight (g/m)	2.0
11	Operating Temp (°C)	-55 to +150
12	Serialization	All cables will have Cable ID number for traceability
13	Test Data	Cable Report provided

OD (P/N): 12-AP-G-M-13-140