Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7622
Title	Cable Spec – High Strength GFLT 16-Ch	

Cable Specification

Item No.	Component	Details
1	Cable OD	3.76 mm (0.148”) nom.
2	Fiber	Sixteen (16) x High-Temp Acrylate Multimode OM4 (50/125)
3	Jacket	Linden Proprietary Design; Primary strength coating: PVDF/Kevlar/FEP
4	Attenuation @ 850 nm (dB/km)	< 3.0
5	Attenuation @ 1300 nm (dB/km)	< 1.0
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 850nm and 1300nm
7	Min Bend Radius	Short term (12 mm) / Long Term (20 mm)
8	Tensile Strength (lb);	250
9	Tensile Strength measurement	Performed 100% on all cables at stress rate ~ 100 lbs/min; average of 5 samples, 1 m samples cut from end of finished cable
10	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
11	Weight in air	18 g/m
12	Operating Temp	-40°C to +130°C
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 3.76 mm (16-FO-U-14-O-121-J-148-BLK)

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)