Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7600
Title	Cable Spec – STFOC Non-Kink Buoyant (-552)	

Cable Specification

Item No.	Component	Details
1	Cable OD	7.6 mm (0.300”) nom.
2	Fiber	Singlemode
3	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Aramid Braid/LDP
4	Attenuation @ 1310 nm (dB/km)	< 0.45
5	Attenuation @ 1550 nm (dB/km)	< 0.35
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Tensile Strength (lbs)	750 lbs
8	Safe Working Load (SWL)	Recommended guideline - 15% (112 lbs); SWL is application and environment dependent
9	Minimum Bend Radius (MBR)	Recommended guideline -152 mm (6.0”); MBR is application and environment dependent
10	Weight in Air	27.2 g/m (18.3 lbs/1,000ft)
11	Specific Gravity	0.60
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
14	Compliance	RoHS & REACH

OD (P/N): 7.6mm (1-SM-A-27-B-30-O-80-FKK-300)

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)