



Reference Document	Document No.	LINDEN-SPE-7457
Title	Cable Spec – High Strength (-420)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	4.7 mm (0.184”) nom.
2	Fiber	Twelve (12) x Singlemode in GFLT (LINDEN-SPE-7299)
3	Jacket	Linden Proprietary Design; GFLT/Aramid Braid/TPU
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)	250 lbs
8	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
9	Minimum Bend Radius (MBR)	Recommended guideline - 94 mm (3.7”); MBR is application and environment dependent
10	Weight in Air	18 g/m (12 lbs/1,000ft)
11	Specific Gravity	1.03
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): 4.7 mm (12-FO-GFLT-O-124-Q-184)

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)