



AVNOC
Avionic Cable
Simple Design
Improved Performance

AVNOC

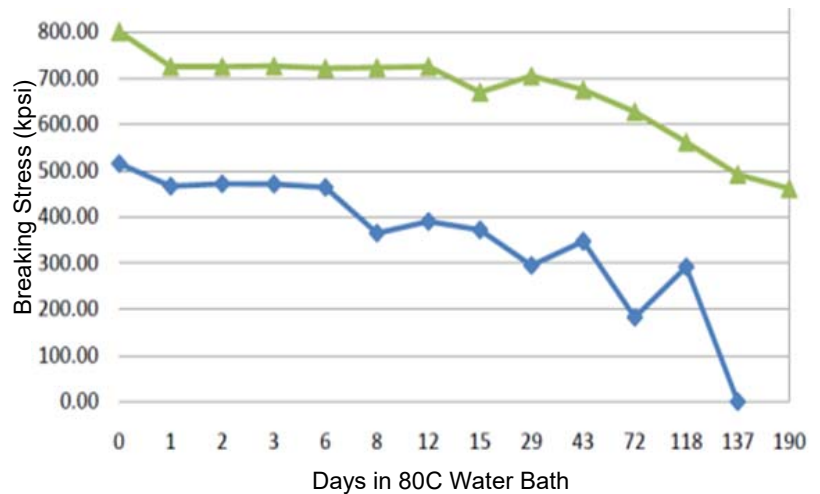
Linden's avionic grade fiber optic cables are designed for the most rigorous avionic environment. AVNOC™ is built to survive the perils of aircraft confines such as high temperature, large temperature variations, high vibration and extreme flexing. Using our patented cable jacket construction designed to protect the fiber from harsh mechanical conditions; our cables are stronger, lighter and smaller than existing flight qualified cables.



Features

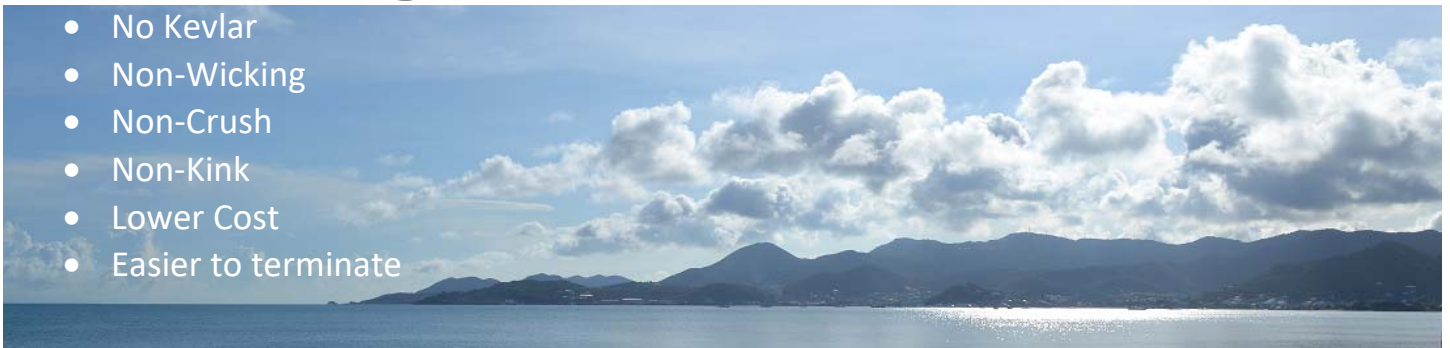
- Meets AS5382
- Simple 3-layer extruded construction
- High temperature
- Lighter design
- Bend insensitive 9μm singlemode
- 50μm multimode version
- Eliminates need for carbon coated fiber

Aging Comparison, LCP v. Carbon (1" Mandrel)



Advantages

- No Kevlar
- Non-Wicking
- Non-Crush
- Non-Kink
- Lower Cost
- Easier to terminate



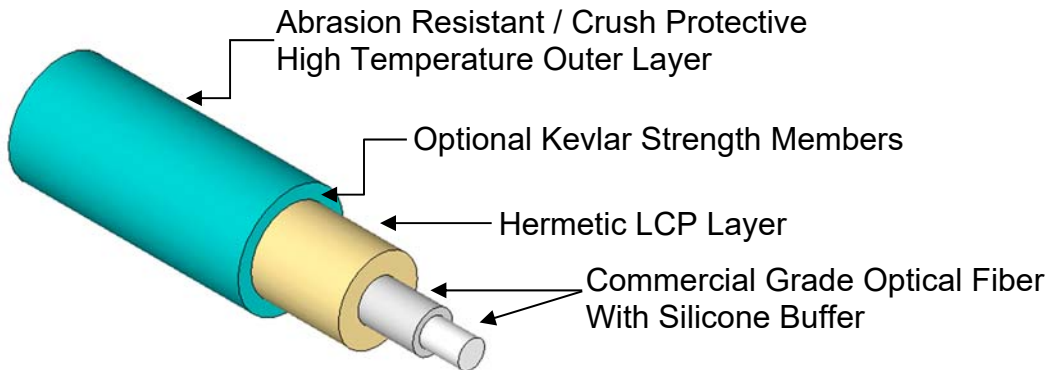


Singlemode

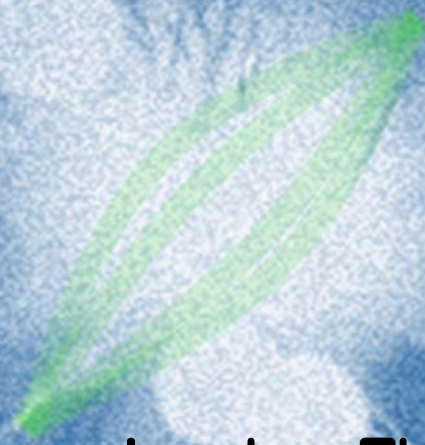
Spec No.	Part No.	Fiber Type	OD (mm)	Attenuation @ 1310nm (dB/km)	Attenuation @ 1550nm (dB/km)	Tensile Strength (lbs)	Weight (kg/km)
LINDEN-SPE-7033	1-D-A-27-M-66	Draka BendBright Elite w/ silicone buffer	1.7	1.5	1.4	45	3.1

Multimode

Spec No.	Part No.	Fiber Type	OD (mm)	Attenuation @ 850nm (dB/km)	Attenuation @ 1310nm (dB/km)	Tensile Strength (lbs)	Weight (kg/km)
LINDEN-SPE-7041	1-E-A-27-M-66	Draka Graded Index 50/125/242 silicone buffer	1.7	6	4	45	3.1



[CONTACT LINDEN PHOTONICS](#) FOR MORE DETAILED SPECIFICATIONS OR CUSTOM REQUIREMENTS



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