



Linden's fiber optic cables are available for a variety of underwater uses from munitions tethers to ROV controls to littoral water sensing.

Our lightweight, buoyant designs are customized to your needs. From neutrally buoyant designs to cable that will float on water we can customize your size, buoyancy and strength. Using Linden's patented cable jacket construction designed to protect the fiber in the harsh subsea environment, our cables are compact and rugged; flexible and strong.

## Typical Specifications

Number of Fibers	1-3
Fiber Type	Single/Multi Mode
Cable Diameter	700µm – 2mm
Tensile Strength	50lbs – >300lbs
Minimum Bend Radius	5mm – 10mm
Attenuation @ 1310 nm	0.45 dB/km
Attenuation @ 1550 nm	0.35 dB/km
Temperature	-55 <sup>0</sup> C to 125 <sup>0</sup> C
Continuous length	Up to 20km

## Cable Jacket

Non-Kink™	Extruded
High Tensile Strength	Braided
Temperature Resistance	Varies by design
Color	Custom

Choose from one of our standard designs or contact us today for your custom built solution

