



UNDERWATER CABLES

Linden's fiber optic cables are available for a variety of underwater uses from munitions tethers to ROV controls to littoral water sensing. Using our patented cable jacket construction designed to protect the fiber in the harsh subsea environment, our cables are compact and rugged; flexible and strong. Custom configurations available.



TYPICAL SPECIFICATIONS

Number of Fibers	1-3 (or more)
Fiber Type	Single/Multi Mode
Cable Diameter	400 μ m – 3mm
Tensile Strength	50lbs – >200lbs
Minimum Bend Radius	5mm – 10mm
Attenuation @ 1310 nm	0.45 dB/km
Attenuation @ 1550 nm	0.35 dB/km
Temperature	-55 ⁰ C to 125 ⁰ C

FIBER TYPE

Singlemode Standard	A
Singlemode Low Bendloss	B
Multimode 50/125	C
Multimode 62.5/125	D
Custom	X

JACKET TYPE

STFOC Disposable	A
STFOC Non-Kink TM	B
STFOC Non-Kink TM Low Profile	C
STFOC High Tensile	D
Custom	X

BUOYANCY

Negative	A
Neutral (SG \approx 1.00)	B
Neutral (SG \approx 1.05)	C
Positive	D
Not Applicable	N

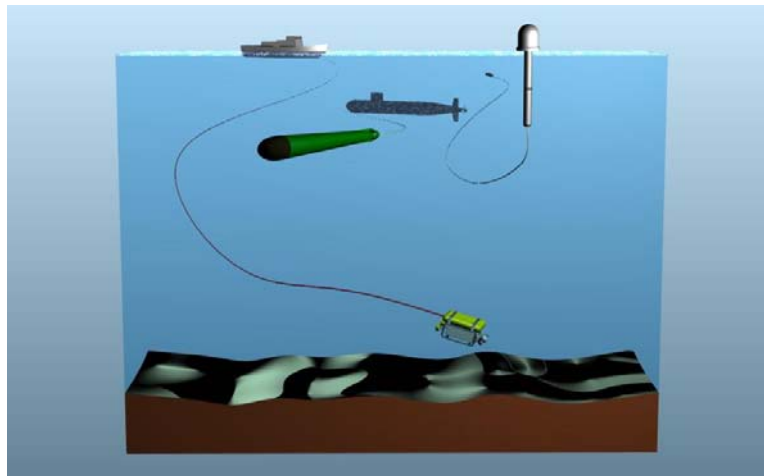


PACKAGING

Internally Deployed 100% Precision	A
Externally Deployed 100% Precision	B
Externally Deployed Semi Precision	C
No Special Packaging	N

PACKAGING DIMENSIONS

ID (inches)	A
OD (inches)	B
Length (inches)	C
No Special Packaging	N



ASSEMBLY PART NUMBER

X-X-X-XX-XX-X-X-X-X

Fiber Type

Cable Jacket

Buoyancy

Primary Jacket OD

Secondary Jacket OD

Packaging

Packaging Dimensions