



Micro SeaLaser[®]



UP TO 6 KM DEPTH
RATING



COLOR
OPTIONS



ULTRA COMPACT
SIZE

Reliable and Capable Integration

Compact size for space-constrained operations

The compact Micro SeaLaser features a sapphire port, a titanium housing, 6,000 m depth rating, and a <5 mW Class III-A semiconductor laser diode. Uses include underwater aiming, scaling, and alignment. This subsea laser has a long life, compact size, and wide input voltage. Applications include measurement, scaling, reference pointing, and aligning.

A mounting bracket is available to fit two lasers and a SeaCam. The two lasers are 10 cm apart and use either dots or lines to add scale to video or photographic images.

Specifications subject to change without notice



For further information, email
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Specifications

Micro SeaLaser		
Laser	Red Laser	Green Laser
Type	Continuous Wave Semi-conductor laser diode Class III-A	
Beam Diameter	Elliptical 1.8 mm x 0.5 mm	<2 mm
Wavelength	635 nm	532 nm
Beam Divergence	0.09 mRad x 0.19 mRad	1.2 mRad
Beam Alignment	Beam runout 5 cm at 10 m (2 in. at 33 ft) max	
Beam Power	<5 mW	
Beam Type	Dot or Line	
Environmental		
Depth Rating	6,000 m	
Operational Temperature	Dot: 1°C to 30°C (32°F to 86°F)	Line: -10°C to 50°C (14°F to 104°F)
Electrical		
Voltage	7~30 VDC	
Current	47 mA	
Mechanical		
Housing	Titanium 6AL-4V	
Port	Sapphire, anti-reflective coated	
Weight in Air	75 g (2 oz)	
Weight in Water	40 g (1 oz)	
Connector	Impulse Sub-Miniature Connector IE55 2-pin	
Accessory	Dual Micro SeaLaser Mount	

Dimensions

