

WET Labs' Beam Attenuation Meter is the next generation transmissometer specifically designed for Autonomous Underwater Vehicles (AUVs), where size and drag are primary considerations.

- ✓ Compact size
- ✓ Rugged construction
- ✓ High precision and stability
- ✓ Digital electronics
- ✓ Protected optics
- ✓ Flush mountable



Specifications

Mechanical		Electrical	
<i>Length</i>	19.56 cm	<i>Output resolution</i>	14 bit
<i>Height</i>	12.45 cm	<i>RS-232 output</i>	19200 baud
<i>Width</i>	6.35 cm	<i>Connector</i>	MCBH-6-MP
<i>Weight in air</i>	3.28 kg	<i>Power input</i>	7.5–15 VDC
<i>Weight in water</i>	2.06 kg	<i>Operating current:</i>	
<i>Internal air volume</i>	454 cc	<i>532 and 650 nm</i>	35 mA
		<i>Sample rate</i>	to 8 Hz

Optical		Environmental	
<i>Wavelengths</i>	470, 532, or 650 nm	<i>Rated depth</i>	1000 m
<i>Optical pathlength</i>	10 cm	<i>Temperature range</i>	-2–40 deg C
<i>Acceptance angle</i>	~ 1 deg	<i>Temperature stability</i>	
<i>Precision,</i>		<i>38–3–20 deg C</i>	0.02% FS/deg C
<i>532 and 650 nm</i>	0.003 m ⁻¹ @1 Hz	<i>Long term stability (6 hrs)</i>	0.02% FS/Hr

Specifications are subject to change without notice.