

SUBS™

ADCP BUOYS - Models A2 & D2



(shown with an RDI ADCP mounted)

An improved mooring system for ADCPs and other oceanographic instrumentation.

Mounting ADCPs or other instrumentation in a streamlined buoyancy package reduces the variability caused by mooring oscillation typical of spherical flotation.

Few instruments have the capability of segregating mooring movement from actual data.

Reduced mooring movement decreases instrument data noise.

Reduced mooring movement has applications in acoustic, optic, magnetic and other moorings.



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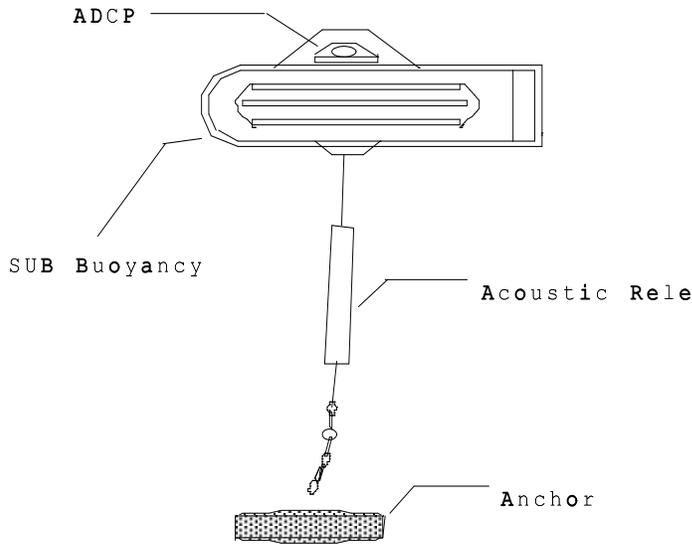
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BENEFITS

- Unmatched stability provides an exceptional moored instrument platform.
- Virtually eliminates vortex shedding effects which are inherent with spherical flotation.
- Reduces the potential for measurement errors associated with mooring movement.
- Substantially reduces mooring excursions and inclinations.
- Significantly improves instrument depth keeping characteristics.
- Self-compensating for mooring inclination and flow direction.
- Reduces buoyancy requirement due to lower frontal area of flotation.
- Supplied complete with mooring attachment point and instrument guard.
- Purchasers can utilise their existing Viny Floats/Glass balls or we can supply buoyancy.



Typical ADCP shallow mooring

SPECIFICATIONS

Model	A2-x-xx	D2-x-xx
Dimensions	146 x 44 x 58 cm	169 x 55 x 67 cm
Drag Coefficient	.6	.6
Weight in Air (without instruments or flotation)	23 kg (51 lb)	26 kg (57 lbs)
Weight in air with flotation	28 kg (62 lb)	68 kg (150 lbs)
Buoyancy (SW) without instruments	± 39 kg (86 lb)	± 49 kg (108 lbs)
Depth Rating	200m	6000m
Material:	HDPE, uv protected	HDPE, uv protected
Flotation	2 Viny floats 13"	2 glass balls 17"

Instrument weights based on RDI™ Sentinel
Dimensions shown are without mooring hardware

Distributor:
