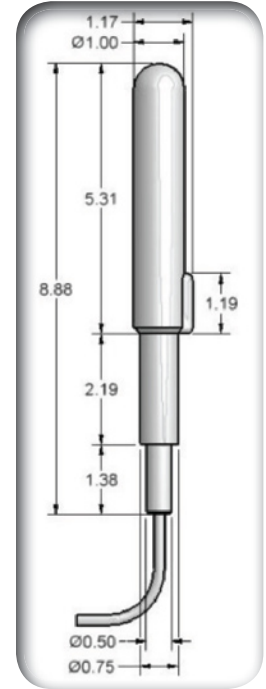
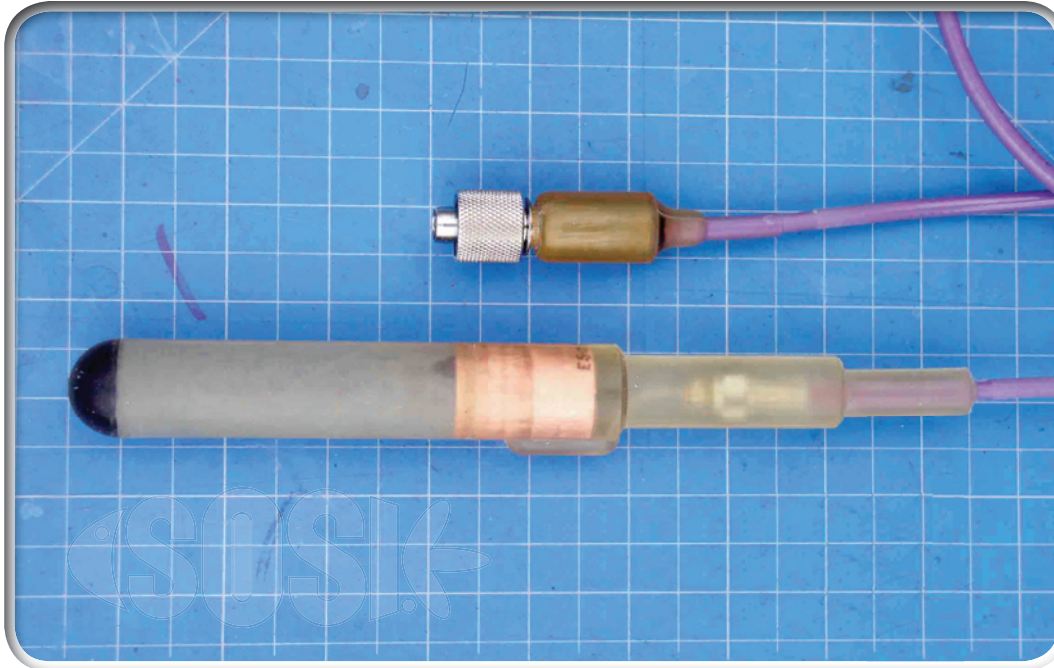


SOSI

T. 425.869.1834
F. 425.869.5554
www.soundocean.com
info@soundocean.com

SUBMERSIBLE GPS-IRIDIUM ANTENNA MODEL SUBGPS/I-1300M



*Specifications subject to change

The SOSI SubGPS/I combination submersible antenna is designed for use as an OEM antenna with customer furnished GPS receivers and Iridium satellite transceivers. The antenna is perfectly suited for subsurface buoys, towed bodies and AUVs that operate at depth, but periodically surface to determine position, reset navigation, download data, send and receive mission updates or call home with position for recovery. The antenna is built to withstand subsea use, fully encapsulated, neutral in buoyancy, hydro-dynamically shaped and pressure tested beyond its rating. The antenna's 2-way Iridium communication allows data transfer and remote control and command for your vehicle while simultaneously providing GPS positioning on any ocean surface.

SOSI would welcome an opportunity to become an equipment supplier for your company. In addition to designing and building your GPS system—SOSI can design and manufacture the individual components to complete your own build or replacement components for our systems. SOSI also offers a wide range of on-sight support including set-up and training. SOSI

Mechanical Specifications

- Dimensions..... ~1"Ø x 9" as shown
- Weight (air)6.5 oz.
- Weight (sea water)0 oz.
- Depth rating.....1300m
- CableRG-58 coax, polyurethane
- Jacket.....60" length
- ConnectorD.G. O'Brien Series 110 glass
.....sealed, 50 Ohm impedance matched
- Pressure test.....10 cycles to 6000 psi
.....30 min. hold @ 6000 psi
- Material:.....Polyurethane

Technical Specifications

- RF Switch:DowKey Microwave P/N 401-410802A
- Gain (Antenna):.....+2.0 dBic 0 to ± 75 deg
.....-10 dBic ± 90 deg. @ horizon