The ISE Subsea Antenna offers a complete **surface communication** solution for underwater vehicles in a single compact hydrodynamic package. It is constructed from aluminum and impact resistant polymer to withstand abuse. Underwater bulkhead connectors allow for **quick field servicing and replacement**.

### APPLICATIONS
- AUVs and other underwater vehicles
- ASVs
- Buoys
- Surface Vessels
- Hazardous Environment
- Scientific Research

### CONFIGURATIONS
- Wifi + GPS + Iridium P/N: CM9999-600-00-XX
- Wifi + GPS P/N: CM9999-601-00-XX
- Connector Type -XX: -01 Teledyne DGO
  -02 SubConn HF
  -03 Ametek

### SPECIFICATION
- **Depth Ratings:** 6000 m*
- **UHF Wifi (Radio):** Bandwidth: 2.4—2.5 GHz
  Gain: 4 dBi
  Polarization: Vertical
- **GPS (Active):** L1 and SBAS (WAAS, EGNOS & MSAS)
  Bandwidth: 1574-1606 MHz
  Gain: 28 dB
  Polarization: RHCP
  Voltage 2.5—16 VDC

- **Iridium (Passive):** Bandwidth: 1605—1635 MHz
  Gain: 4.25 dBi
  Polarization: RHCP

- **Connectors:** SubConn HF Coax, Teledyne DGO 110, Ametek
  SCP Coax

- **Temperature:** -40 to 85°C
- **Weight:** 1.0 kg (in air)
  0.5 kg (in water)

*Tested to 6600 msw