

# Receiving Loop Antenna

Compact, MIL-qualified receiving loop antenna for direction finding systems. Designed for rugged environments with sealed construction and built-in preamplifiers for enhanced signal performance.



## BROADBAND COVERAGE

Operates from 100 kHz – 3.0 MHz with no tuner required



## DURABILITY AND RELIABILITY

Hermetically sealed metal & fiberglass shell



## WEATHERPROOF CONSTRUCTION

Potted and sealed construction for full environmental protection



## SHIPBOARD ANTENNAS

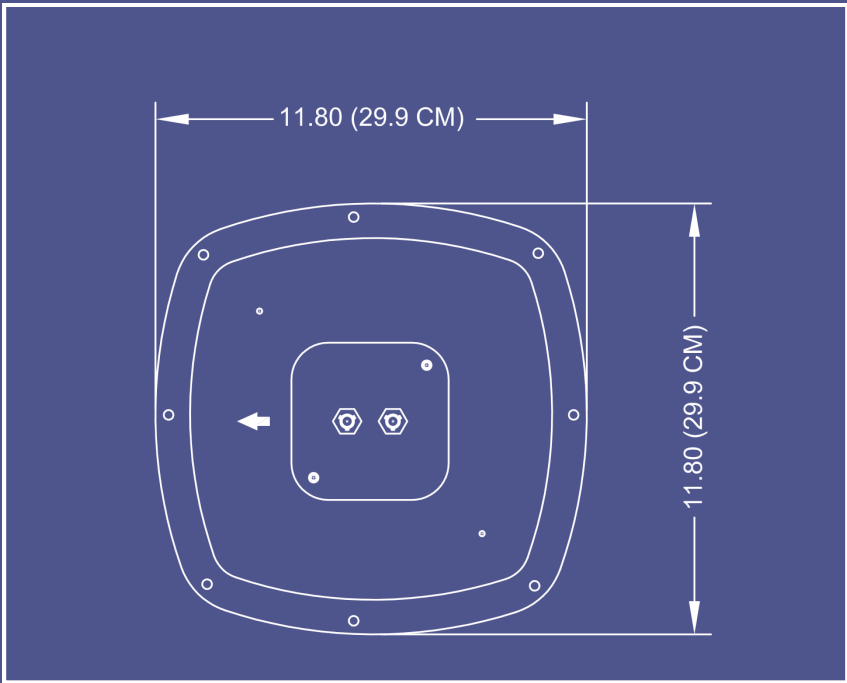
Built to meet Navy requirements



**AS-2108A/ARN-89A**

Receiving Loop  
Antenna

*NSN: 5985-00-001-4077*



## KEY CHARACTERISTICS

### AS-2108A/ARN-89A

Frequency Range (no tuner) 100 kHz – 3.0 MHz

Power 15.0 ± 0.5 VDC

Height 1 in (2.54 cm)

Weight Not specified

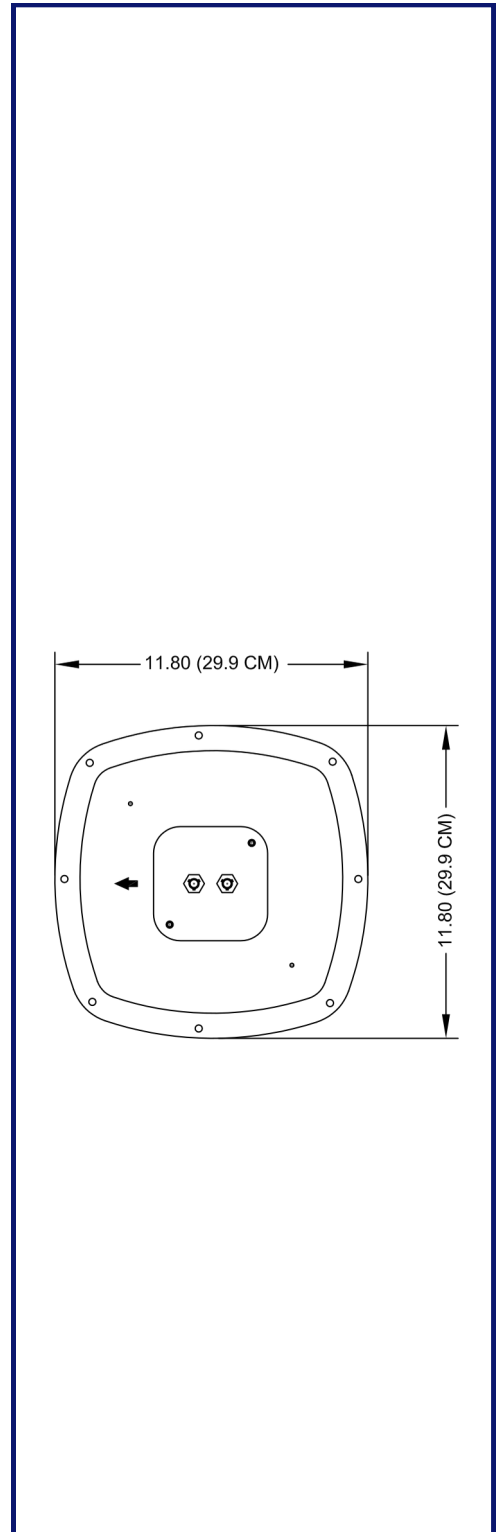
VSWR Not specified

Polarization Circular

Azimuth Coverage Bi-directional

Integral Base / Insulator Epoxy Fiberglass

*Rugged and compact, the AS-2108A/ARN-89A is a dual-channel receiving loop antenna for the AN/ARN-89A Direction Finder Set, offering high-gain LF/MF performance with full environmental protection for shipboard or mobile use.*



### IDEAL FOR:

- Shipboard direction-finding systems
- Airborne navigation and signal tracking
- Mobile or ground-based DF applications