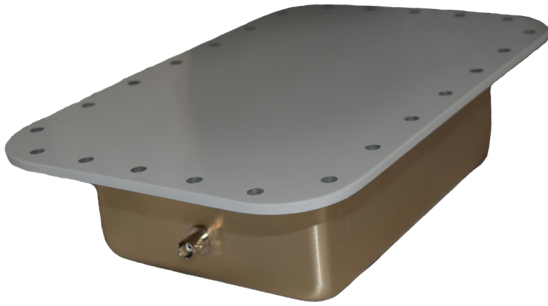


# Marker Beacon S35-2000-1



## Description

This highly reliable marker beacon antenna is flush-mounted and is fabricated from a one piece drawn aluminum can. The antenna is foam filled with an epoxy glass radome.

The **S35-2000-1** antenna's electrical characteristics are similar to the short horizontal dipole while providing VSWR and radiation patterns per MIL-A-25367A.

The antenna is DC grounded to protect from lightning and is hermetically sealed for a long service life. The antenna is ideal for ground clearance requirements and zero drag. The antenna is interchangeable with AT-536/ARN-type antennas.

## Federal & Military Certifications:

TSO-35c, BAC-D16046, MIL-A25367A and MIL-E-5400H.

## Specifications

### Electrical

Frequency	75 MHz
VSWR	1.5:1 @ 75MHZ 5.0:1 @ 75 ±0.15 MHz

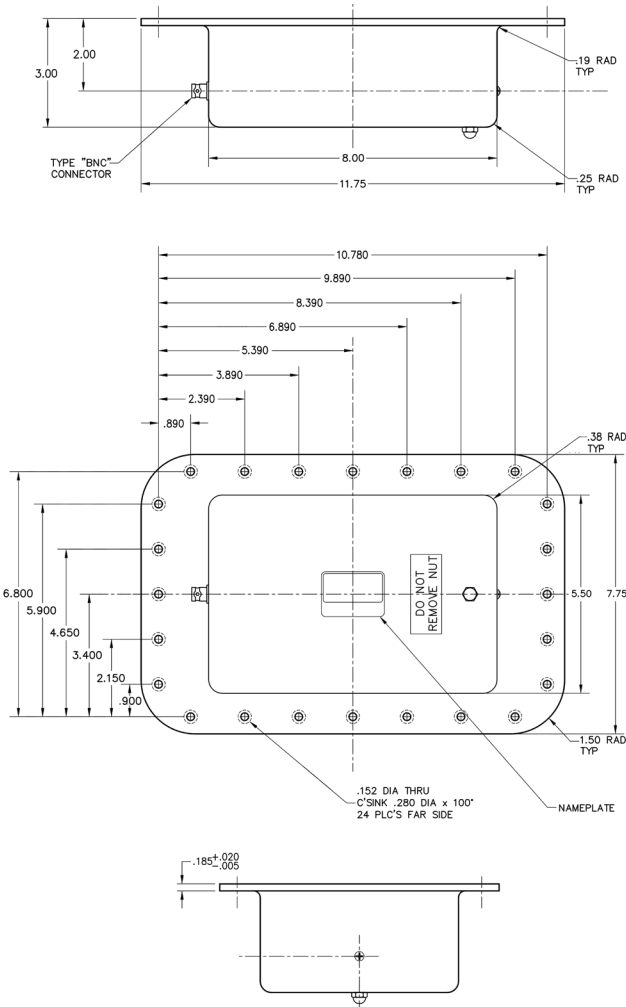
Polarization	Linear along Major Axis
Pattern	Single Downward Lobe
Impedance	50 Ω

### Mechanical

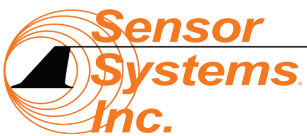
Weight	1.9 lbs.
Length	11.75 in.
Width	7.75 in.
Depth	3.00 in.
Material	6061 Aluminum Alloy Cavity / Fiberglass per MIL-P-18177C Type GEE Radome
Finish	Skydrol Resistant Epoxy Enamel
Connector	BNC UG912/U

### Environmental

Temperature (Operating)	-54°C (-65°F) to +74°C (+165°F)
Altitude	70,000 ft.



Please Note: For REFERENCE ONLY  
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