

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR HIGH FREQUENCY

Receiving Loop Antenna AS-2108A/ARN-89A

NSN 5985-00-001-4077

VALCOM MANUFACTURES THE AS-2108A/ARN-89A RECEIVING LOOP ANTENNA FOR USE IN CONJUNCTION WITH THE AN/ARN-89A DIRECTION FINDER SET. THE ANTENNA CONSISTS OF TWO FERRITE ROD, BI-DIRECTIONAL ANTENNAS MOUNTED AT RIGHT ANGLES TO EACH OTHER AS WELL AS A HIGH GAIN PRE-AMPLIFIER FOR EACH CHANNEL. ALL COMPONENTS ARE POTTED WITHIN A METAL AND FIBREGLASS SHELL AND SEALED TO PROVIDE ENVIRONMENTAL PROTECTION.



FEATURES:

- COMPACT
- LIGHT WEIGHT
- MIL QUALIFIED
- HERMETICALLY SEALED

AS-2108A/ARN-89A ANTENNA QUICK REFERENCE DATA

SPECIFICATIONS

ELECTRICAL

OPERATING FREQUENCY	100 KHz TO 3.0 MHz
OUTPUT IMPEDANCE	50 OHMS NOMINAL
ELECTRICAL REQUIREMENTS	15.0 ± 0.5 VOLTS DC
PRE-AMPLIFIER GAIN	20.5 dB @ 100 KHz
	25.0 dB @ 800 KHz
	18.0 dB @ 3.0 MHz

MECHANICAL

DIMENSIONS	11.8 IN (30 CM) OVERALL LENGTH
	11.8 IN (30 CM) OVERALL WIDTH
	1 IN (2.54 CM) HEIGHT

