

World's Leading Manufacturer Of Fibreglass Whip Antennas



THE SOURCE FOR NAVAL ANTENNAS

# 36 Foot Heavy Duty Naval Whip Antenna AS-5085/SR

NSN 5985-21-871-4106

## TYPICAL SYSTEM APPLICATIONS

- AN/URC-32
- AN/WRT-1
- AN/URC-36
- AN/URA-22
- AN/URT-23
- AN/URA-38
- AN/URT-24
- OE-5006/SRC
- AN/WRC-1

THE AS-5085/SR WAS SPECIFICALLY DESIGNED TO THE STRICT REQUIREMENTS OF THE CANADIAN NAVY AND IS THE WORLD'S BEST ANTENNA IN ITS CLASS.

SERVICE AND FIELD TESTS HAVE PROVEN THIS CLASS OF ANTENNA TO MEET ANY OPERATIONAL REQUIREMENT. IN FACT, SEVERAL OF THESE ANTENNAS WERE TESTED AT WHITE SANDS, NEW MEXICO, IN A SIMULATED ATOMIC BLAST AND PERFORMANCE EXPECTATIONS WERE GREATLY SURPASSED.

## FEATURES:

- MEETS STRINGENT ENVIRONMENTAL REQUIREMENTS
- OPERATIONALLY PROVEN
- EXTRA HEAVY DUTY



# AS-5085/SR QUICK REFERENCE DATA

## ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE	1.6 MHz TO 30 MHz
RESONANT FREQUENCY	5.9 MHz
POWER RATING	5 KW AVERAGE POWER
DRY WITHSTANDING VOLTAGE	25 KV
ELECTRICAL LENGTH	34.5 FT (10.5 M)

## MECHANICAL CHARACTERISTICS

MECHANICAL LENGTH	36.0 FT (11.0 M)
BASE INSULATOR	FILAMENT WOUND EPOXY/FIBREGLASS
TOP TERMINATION	BRASS CORONA BALL
JOINTS	BRONZE FERRULE C/W LOCKING SCREW
WIND LOADING TEST	150 MPH (240 KPH)
ICE LOADING TEST	.75 IN (1.90 CM) AT 100 MPH (161 KPH)
CENTRE OF GRAVITY	13.7 FT (4.2 M)
TEMPERATURE	-60°F TO 150°F (-50°C TO 65°C)
FINISH	EPOXY POLYAMIDE PAINT
WEIGHT	155 LBS (70 KG)

### NOTES:

- DO NOT USE LEAD BASE PAINT TO TOUCH-UP OR REPAINT ANTENNA.

