

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR HIGH FREQUENCY

35Ft Aluminum Whip Antenna AS-3772B/U

PN: VD-91-00127-1

NSN: 5985-01-383-8451

THE AS-3772B/U 35 FOOT ALUMINUM WHIP ANTENNA IS DESIGNED AND BUILT TO MEET THE US NAVY REQUIREMENTS FOR SHIPBOARD ANTENNAS, SPECIFICALLY MIL-A-29517(EC). IT MEETS OR EXCEEDS THESE REQUIREMENTS IN EVERY RESPECT.

THE ANTENNA IS USED FOR COMMUNICATIONS IN THE 2 TO 30 MHz FREQUENCY RANGE AND CAN BE INSTALLED AND OPERATED IN THE VERTICAL, TILTED OR HORIZONTAL POSITIONS.

THE ANTENNA CONSISTS OF A TAPERED ALUMINUM RADIATING ELEMENT AND AN INTEGRAL FIBREGLASS INSULATOR AND BASE MOUNTING FLANGE. IT IS A TWO PIECE ANTENNA WHICH HAS THREE SIDE FEED POINTS. THE INTEGRAL INSULATOR AND BASE MOUNTING FLANGE IS BONDED TO THE BOTTOM OF THE RADIATING ELEMENT. A DRIP SHIELD IS PROVIDED JUST BELOW THE LOWER FEED POINT.

THE MECHANICAL STRENGTH OF THE INTEGRAL INSULATOR AND MOUNTING FLANGE IS ACHIEVED WITH A PATENTED PROCESS USING HIGH STRENGTH FILAMENT FIBREGLASS AND EPOXY RESIN.

FEATURES:

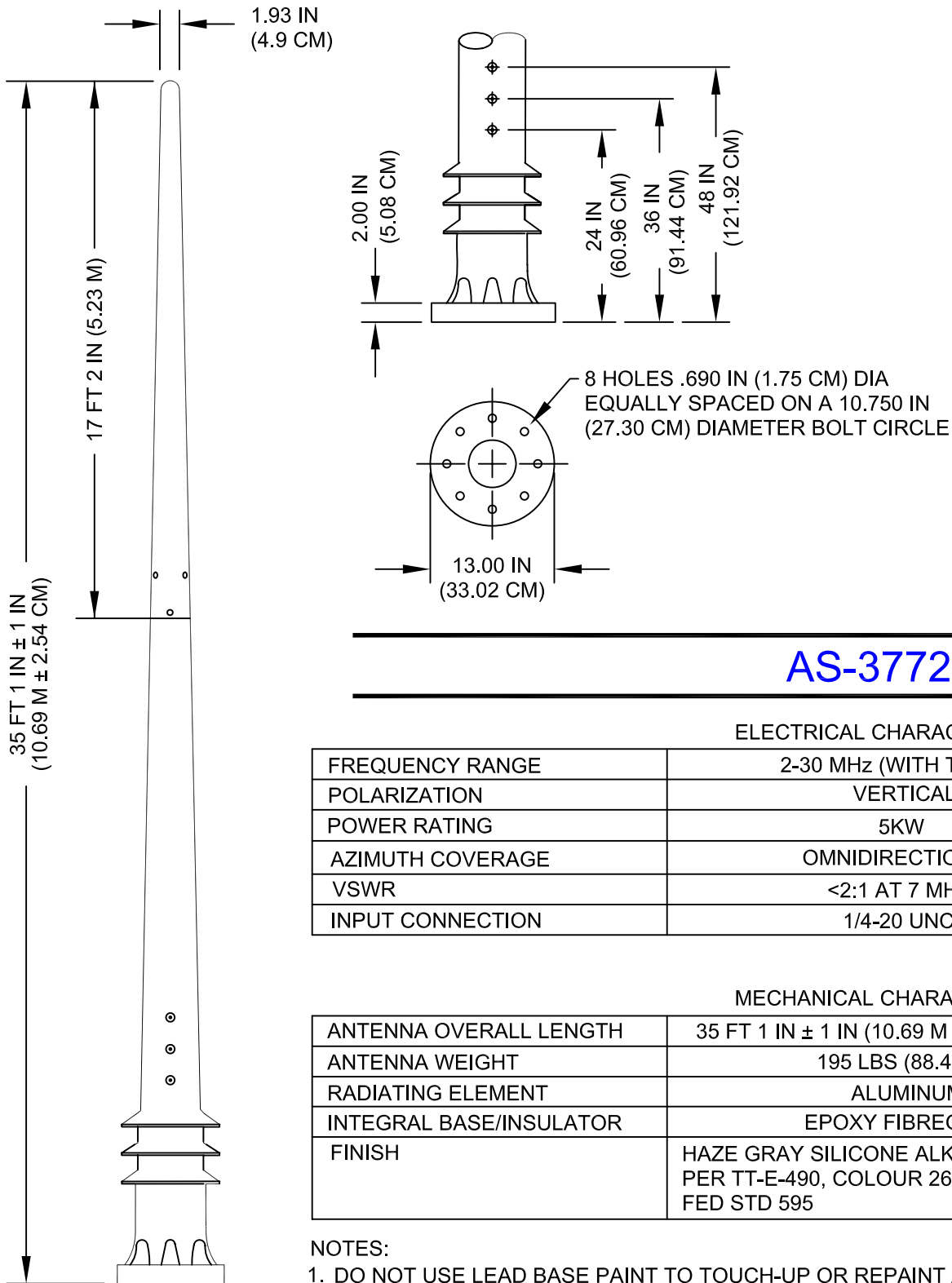
- **POWER HANDLING TO 5KW**
- **MINIMUM MAINTENANCE**
- **HIGH RELIABILITY**
- **SHIPBOARD APPLICATIONS**
- **WEATHERPROOF**

U.S. PATENT: 5357261



AS-3772B/U

QUICK REFERENCE DATA



AS-3772B/U

ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE	2-30 MHz (WITH TUNER)
POLARIZATION	VERTICAL
POWER RATING	5KW
AZIMUTH COVERAGE	OMNIDIRECTIONAL
VSWR	<2:1 AT 7 MHz
INPUT CONNECTION	1/4-20 UNC

MECHANICAL CHARACTERISTICS

ANTENNA OVERALL LENGTH	35 FT 1 IN ± 1 IN (10.69 M ± 2.54 CM)
ANTENNA WEIGHT	195 LBS (88.4 KG)
RADIATING ELEMENT	ALUMINUM
INTEGRAL BASE/INSULATOR	EPOXY FIBREGLASS
FINISH	HAZE GRAY SILICONE ALKYD ENAMEL PER TT-E-490, COLOUR 26270 PER FED STD 595

NOTES:

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

