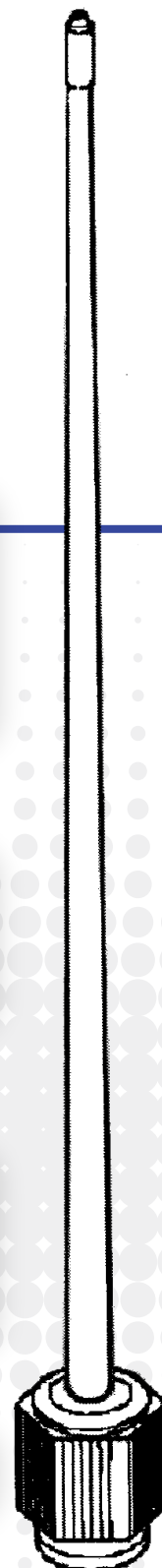
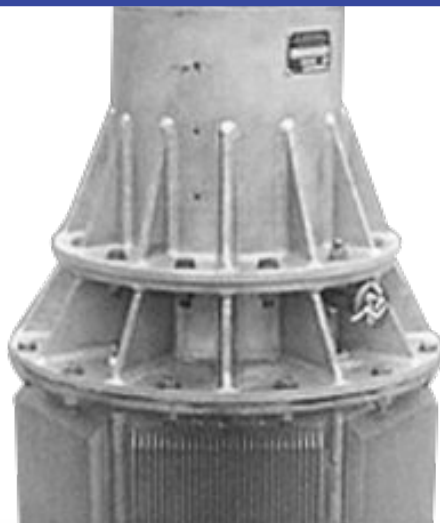


**Part Number: 1000-1532-402**

- Air cooled Balun Transformer
- 8 kW Power Handling Capability
- Powder Coated for Maximum Corrosion Protection



### ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE	2-30 MHz
POWER HANDLING	8 kW avg
APPLICATION	Transmitting and Receiving
POLARIZATION	Vertical
AZIMUTH BEAMWIDTH	Omnidirectional
CUSTOMER INPUT	7/8 EIA Flange
VSWR	2.5:1 nominal
INPUT IMPEDANCE	50 Ohms
STATIC CHARGES	Element at DC ground to prevent the accumulation of static charges
MATRIX/MAINTENANCE	RF Input at DC ground to ensure compatibility

### MECHANICAL SPECIFICATIONS

HEIGHT	478 inches
DIAMETER	21 inches
BASE FLANGE	21 inches diameter
HOLE PATTERN	12 holes and 14.325 inch diameter
HOLE DIAMETER	.718 inch diameter
WEIGHT	725 lbs
CRATED WEIGHT	1350 lbs

### ENVIRONMENTAL SPECIFICATIONS

TEMPERATURE	-54° TO 65° c
DUST	Test per MIL-STD-810 Method 510.2
SHOCK	MIL-STD-901C, Grade A, Class 1
VIBRATION	MIL-STD-167-1, Type I
HUMIDITY	0 to 100%
WIND	100 knots
ICE	4.5 PSF On all Exposed Surfaces
SALT FOG	Withstands 100 hour test of 20% @ 65° C

### CONSTRUCTION

ANTENNA BASE UNIT	Welded Aluminum; All exposed surfaces powder coated for max corrosion protection
RADIATING ELEMENT	Galvanized steel aircraft cable
RADOME	Epoxy Fiberglass, painted with SW Polane paint, Haze Grey