



SPECIALISTS FOR VERY HIGH FREQUENCY

VBBGPA-3088-S

Self Standing VHF Antenna

THE VBBGPA-3088-S IS A RUGGEDIZED, SINGLE-PORT, OMNI-DIRECTIONAL GROUND PLANE ANTENNA COVERING THE FREQUENCY RANGE OF 30 MHz TO 88 MHz. THE ANTENNA EXHIBITS A VSWR OF 3.25:1 OR BETTER ACROSS THE ENTIRE OPERATING BAND, WITHOUT THE NEED OF EXTERNAL TUNERS OR ADJUSTMENT, AND CAN HANDLE UP TO 200W CW INPUT POWER.

THE VBBGPA-3088-S IS DESIGNED FOR QUICK DEPLOYMENT AND EASY OPERATION, WHILE BEING ABLE TO COLLAPSE AND STORE IN A LIGHTWEIGHT STOWAGE BAG. MOUNTING OPTIONS INCLUDE ON-THE-GROUND BY MEANS OF THE INTEGRAL TRIPOD GROUND-PLANE LEGS, SUSPENSION BY MEANS OF THE INTEGRAL EYE BOLT AT THE TOP OF THE ANTENNA, OR MAST-MOUNT BY MEANS OF THE INTEGRAL THREADED POST FOUND IN THE BOTTOM OF THE ANTENNA.

THE VBBGPA-3088-S IS ALSO AVAILABLE AS A DUAL ANTENNA CONFIGURATION AS PART OF THE VBBGPA-3088-D SYSTEM.

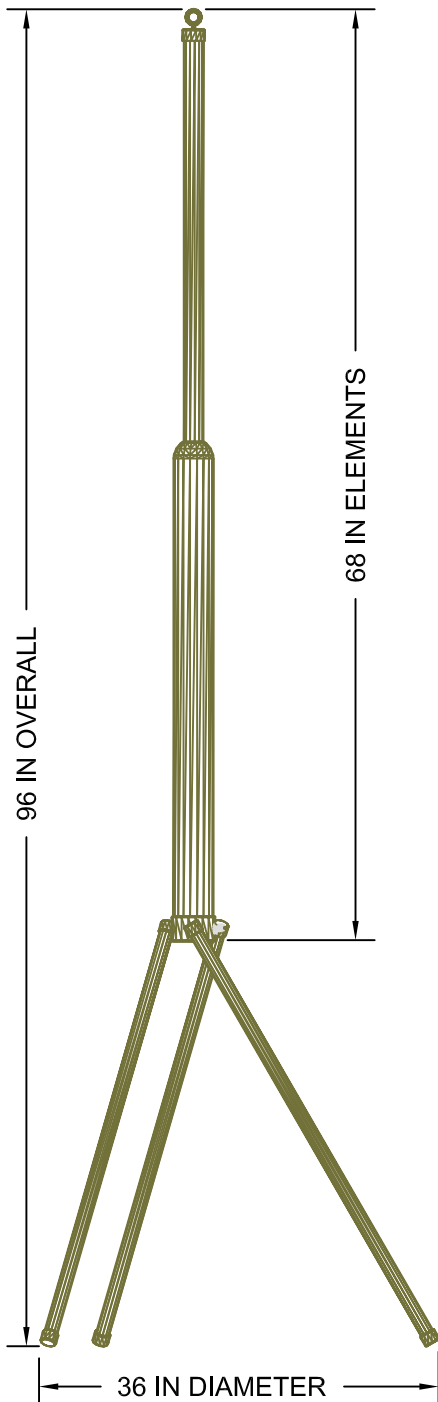
FEATURES:

- RUGGED
 - LIGHTWEIGHT
 - QUICK AND EASY INSTALLATION
 - BROADBAND PERFORMANCE
- NO ADJUSTMENTS NECESSARY**



VBBGPA-3088-S

QUICK REFERENCE DATA



ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE	30 - 88 MHz
VSWR	LESS THAN 3.25:1
GAIN	0 dBi (NOMINAL)
RADIATION PATTERN	OMNI-DIRECTIONAL, FIGURE-8
POLARIZATION	VERTICAL
POWER RATING	200W
INPUT CONNECTION	N-TYPE, FEMALE

MECHANICAL CHARACTERISTICS

HEIGHT - OVERALL DEPLOYED	96 IN (243.8 CM)
- ELEMENTS	68 IN (172.7 CM)
- TRIPOD	30 IN (76.2 CM)
DIAMETER - OVERALL DEPLOYED	36 IN (91.4 CM)
- ELEMENTS	3.0 IN (7.6 CM)
WEIGHT	15 LBS (6.8 KG)
STOWAGE BAG	36 IN X Ø10 IN (91.4 CM X Ø25.4 CM)
TEMPERATURE	-40°F TO 149°F (-40°C TO 65°C)
WIND RATING (GUYED)	100 MPH (160 KM/H)
MOUNTING - GROUND	INTEGRAL TRIPOD LEGS
- SUSPENSION	1.0" DIA EYE BOLT
- MAST MOUNT	1.5-6UNC X 1.1" THREADED POST
FINISH	CARC, GREEN (383) OR TO CUSTOMER'S REQUEST

