



SPECIALISTS FOR VERY HIGH FREQUENCY

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## **VBBGPA-3088-D**

# **Stackable VHF Antenna**

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THE VBBGPA-3088-D IS A RUGGEDIZED, DUAL-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-D IS DESIGNED FOR QUICK DEPLOYMENT AND EASY OPERATION, WHILE BEING ABLE TO COLLAPSE AND STORE IN THREE LIGHTWEIGHT STOWAGE BAGS. AN INTEGRAL TRIPOD MOUNT ALLOWS FOR VERSATILE INSTALLATION OPTIONS.

THE VBBGPA-3088-D ELEMENTS ARE WRAPPED WITH A RUGGED, INSULATING FIBREGLASS LAYER IN CASE OF ACCIDENTAL CONTACT WITH POWER LINES. GUY ROPES, STAKES AND CABLES ARE ALSO INCLUDED IN AN ACCESSORY KIT.

THE UPPER PORTION OF THE VBBGPA-3088-D IS ALSO AVAILABLE AS A SINGLE ANTENNA CONFIGURATION AS VBBGPA-3088-S.

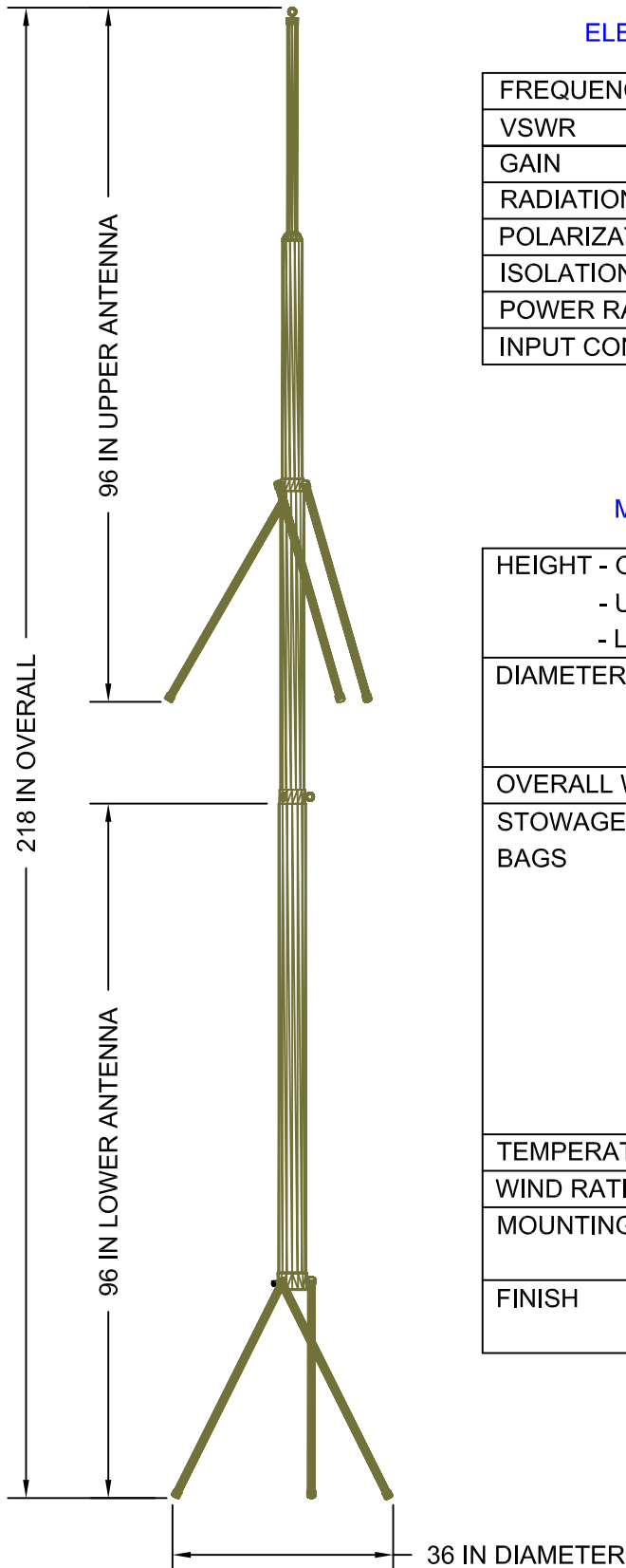
**FEATURES:**

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



# VBBGPA-3088-D

## QUICK REFERENCE DATA



### ELECTRICAL CHARACTERISTICS (EACH ANTENNA)

FREQUENCY RANGE	30 - 88 MHz
VSWR	LESS THAN 3.25:1
GAIN	0 dBi (NOMINAL)
RADIATION PATTERN	OMNI-DIRECTIONAL, FIGURE-8
POLARIZATION	VERTICAL
ISOLATION	10dB (MINIMUM)
POWER RATING	200W
INPUT CONNECTION	N-TYPE, FEMALE

### MECHANICAL CHARACTERISTICS

HEIGHT - OVERALL DEPLOYED	218 IN (553.7 CM)
- UPPER ANTENNA	96 IN (243.8 CM)
- LOWER ANTENNA	96 IN (243.8 CM)
DIAMETER - OVERALL DEPLOYED	36 IN (91.4 CM)
- UPPER ANTENNA	3.0 IN (7.6 CM)
- LOWER ANTENNA	4.0 IN (10.2 CM)
OVERALL WEIGHT	65 LBS (29.5 KG)
STOWAGE - UPPER ANTENNA BAGS	36 IN X Ø10 IN (91.4 CM X Ø25.4 CM) @ 15 LBS (6.8 KG)
- LOWER ANTENNA	69 IN X Ø12 IN (175.3 CM X Ø30.5 CM) @ 25 LBS (11.3 KG)
- ACCESSORIES	45 IN X Ø8 IN (114 CM X Ø20 CM) @ 25 LBS (11.3 KG)
TEMPERATURE	-40°F TO 149°F (-40°C TO 65°C)
WIND RATING (GUYED)	100 MPH (160 KM/H)
MOUNTING	INTEGRAL TRIPOD LEGS OR ADAPTABLE TO COMMON MASTS
FINISH	CARC, GREEN (383) OR TO CUSTOMER'S REQUEST

