

20-6000 MHz VHF/UHF/SHF Ultra Wideband Dual Port Antenna

- Low and high band performance
- High power rating, up to 350 W in total
- Jamming Antenna

FEATURES

The WB-2600 antenna is a wideband dual port antenna effectively covering the VHF, UHF, and SHF bands. It is ideally suited for high power electronic countermeasures and C3I applications, especially where a multiple antenna set-up is not possible or antenna co-location problems may occur.

ELECTRICAL SPECIFICATIONS

Frequency Range

Port 1	20-512 MHz
Port 2	500-6000 MHz

VSWR

Port 1	≤3.5
Port 2	<2.5

Gain

(See measured patterns on pg 2)

Polarization

Nominally Vertical

Power Rating (RMS)

Port 1	150 W
Port 2	500-1000 MHz : 200 W
	1000-2000 : 150 W
	2000-4000 : 100 W
	4000-6000 : 80 W

Nominal Impedance

50 Ω

Radiation Pattern

Omnidirectional

MECHANICAL

RF Connection

Two Type 'N' Female

Radiator

Carbon fiber and aluminum enclosed in fiberglass

Mounting

4 holes (.41") on 4.5" Bolt Circle & 3/6 NATO pattern mount

Height

69.29 inches (1760 mm)

Weight

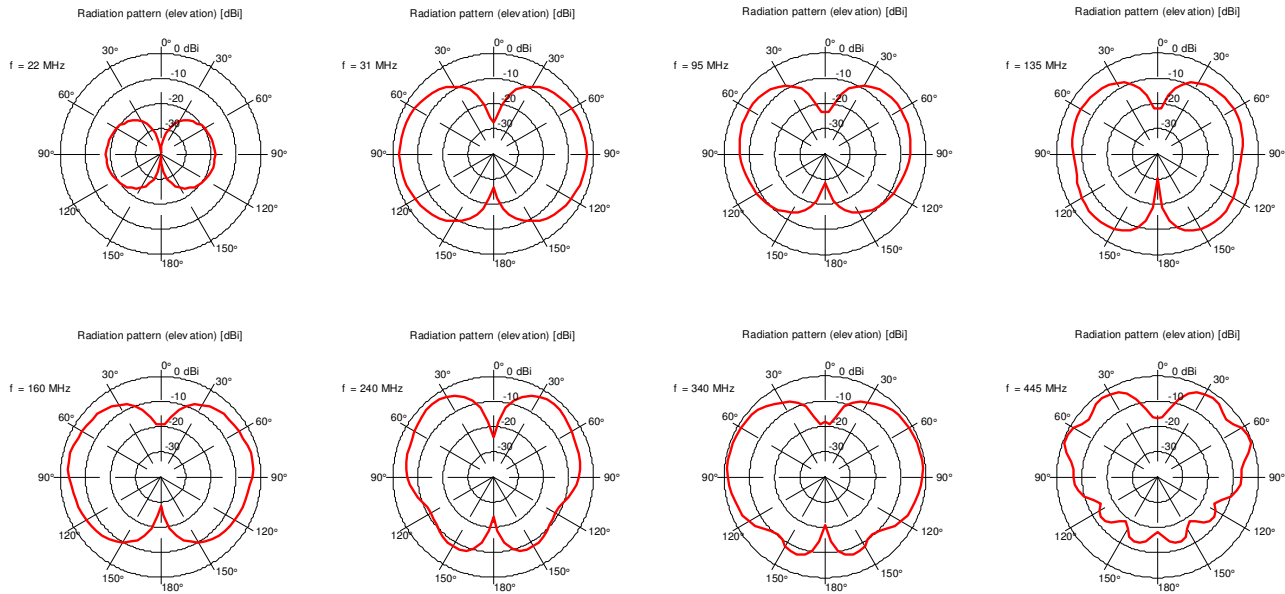
16 lbs (7.0 kg)

Standard Color

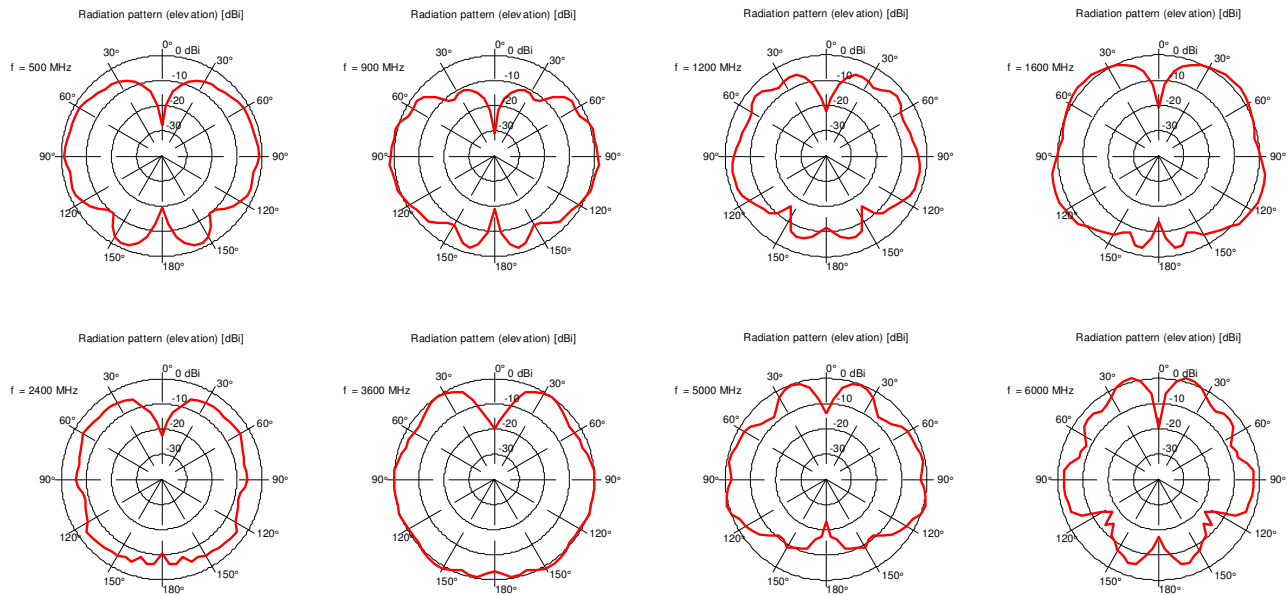
Black



Measured free space radiation patterns with the antenna mounted in the center of a round 1.5m diameter plane



For proper operation the antenna needs a ground plane for which a size of at least 1.0 m² is recommended. The size and the shape of this ground plane may affect the performance of the antenna. For perfect operation there should be free space around the antenna.



The measured VSWR reponses with the antenna mounted in the center of a round m diameter ground plane.

