

VWBO-05520-1 5-520 MHz High Power Omnidirectional Vehicle Antenna

Applications

- High Power Jamming Antenna
- Counter RCIED Antenna (Counter IED Antenna)
- High Power Communication Antenna
- Designed for High Performance at 100 Watt Continuous Power (%100 duty cycle)
- Vehicle Antenna
- Portable Antenna (Manpack Antenna)
- Fixed-Site Antenna
- Appropriate for 20-512 MHz and 30-512 MHz Applications

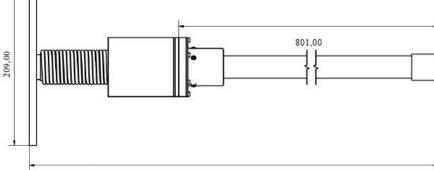
Specifications	
Frequency Band and VSWR	<u>Over 1X1 m² ground plane:</u> 5-520 MHz ≤ 3.5:1
Nominal Impedance	50 ohm
Power Rating	100 Watt Continuous (Tested)
Connector	N-Female
Antenna Radiation Pattern	Omni-directional
Polarization	Vertical (Linear)
Radome	Fiber Radome
Height	1 meter
Weight	3 kg
Colour	Black
Mounting	See technical drawing
Vibration	MIL-STD-810H, Method 514.8 Category 4 Composite Wheeled Vehicle Vibration Exposure Levels According to Figure 514.8C-6 and Table 514.8C-VII

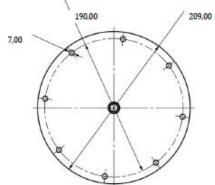


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S11 SWR ▷ 6,0 U 0,5 U/DIV MARKERS Graph 1 S11 Ref Plane 0,00 mm C Marker 1 5,0000 MHz 2,402 U 5,50 Marker 2 20,0000 MHz 1,870 U 5,00 Marker 3 71.0000 MHz 2,857 U 4,50 Marker 4 200,0000 MHz 1,904 U 4,00 3,50 Marker 5 325,0000 MHz 3,196 U 3,00 Marker 6 500,0000 MHz 2,071 U 2,50 ħ Marker 7 1000,0000 MHz 2,064 U 2,00 1,50 1,00 1,0000 MHz 1001,0000 MHz 1 190,00 7,00

VSWR Measurement Over 1 meter X 1 meter ground plane





1000±3

