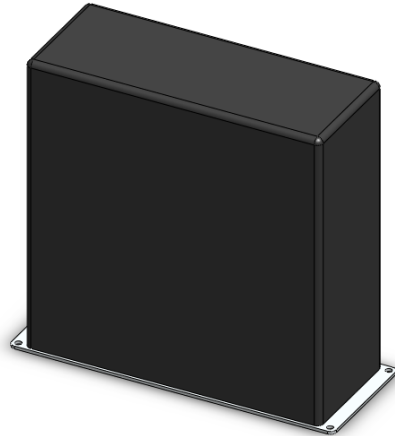


Covert IED Suppression Antenna

100 – 600 MHz

Product Code: OMNI-A0172

VERSION: 1.1



Electrical:	OMNI-A0172
Frequency:	100 – 600 MHz
VSWR	< 3.5:1
Nominal input impedance	50 Ω
Connector	N-type female
Feed power handling:	100 W CW
Gain	See graph
Polarisation	Vertical
Ground plane requirements	Minimum, 3000 mm x 3000 mm recommended
Mechanical:	
Dimensions (l x w x h)	200 mm x 500 mm x 500 mm
Weight	<10 kg
Environmental:	
Wind survival	160 km/h (from front)
Temperature (operational)	- 31 °C to + 71 °C
Shock	40 G for 10 mS
Water ingress rating	IP 54

PRODUCT FEATURES:

- Good VSWR and no elevation pattern break-up across the whole frequency range
- Overlaps between frequency bands for maximum flexibility

APPLICATIONS:

- RCIED signal suppression
- VIP-protection
- Convoy-protection
- Wideband frequency spectrum monitoring

PRODUCT DESCRIPTION:

The OMNI-A0172 is a wideband antenna system designed for high powered transmissions where signal suppression is required in applications like convoy protection, RCIED signals and VIP protection. It covers 100 to 600 MHz frequency band.

The OMNI-A0172 has an excellent omni-directional radiation pattern which provides 360° protection, and covers a 6:1 frequency range without significant elevation break-up. This ensures that maximum protection is available at all frequencies.

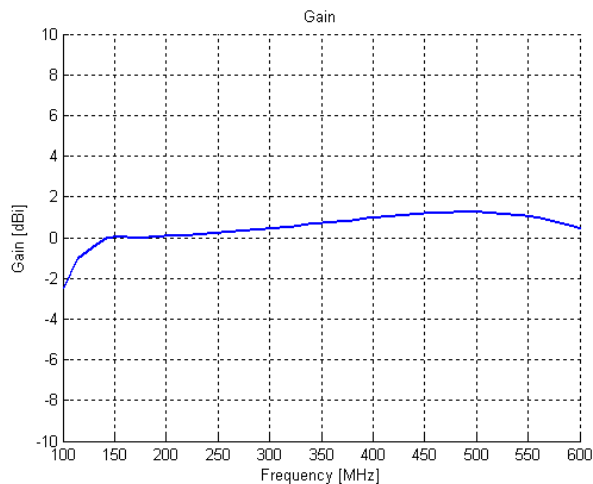
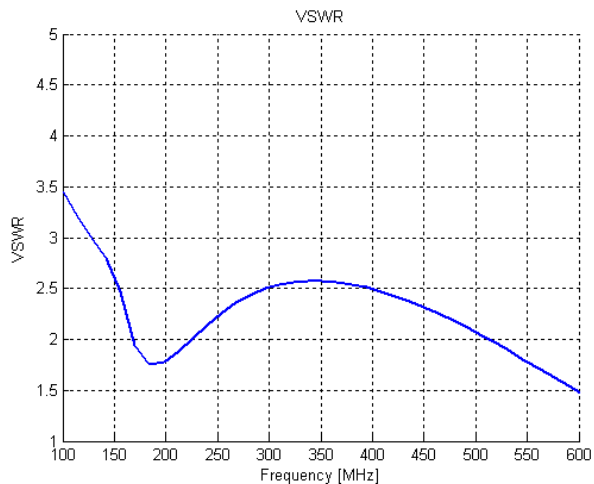
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VSWR AND GAIN:



PATTERNS

