

SPECIFICATIONS:



Electrical:	
Band A	500 – 3000 MHz
Band B	850 – 6000 MHz
VSWR: band A	< 3.5:1
band B	< 3.5:1
Nominal input impedance	50 Ω
Connector	2 x N-type female
Feed power handling: band A	100 W CW
band B	100 W CW
Gain	See graphs
Polarisation	Vertical
Ground plane requirements	Ground plane independent
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:

- Covers a 12:1 frequency range
- Good VSWR and no elevation pattern break-up across the whole frequency range

APPLICATIONS:

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

PRODUCT DESCRIPTION:

The OMNI-A0164 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.

The OMNI-A0064 has an excellent omni-directional radiation pattern which provides 360° protection. It can therefore also be used as a passive monitoring antenna over this wideband.

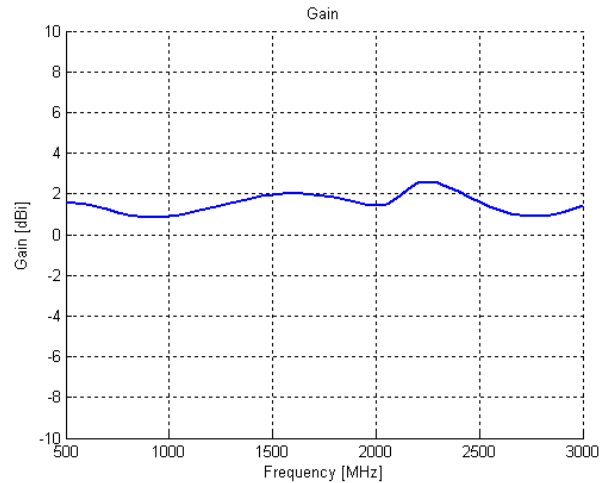
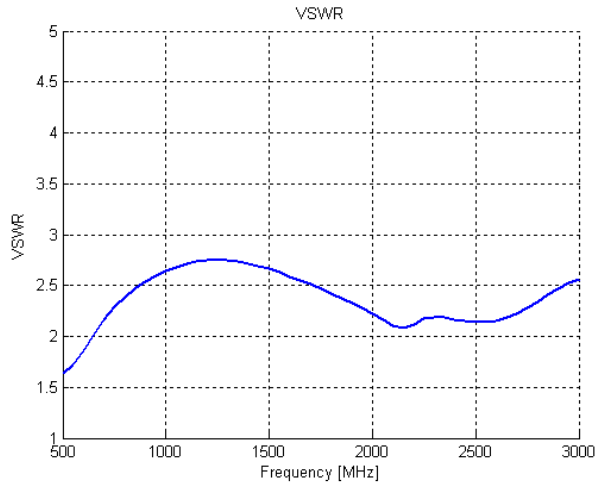
Wideband Jamming and Passive Monitoring Antenna

500 – 6000 MHz

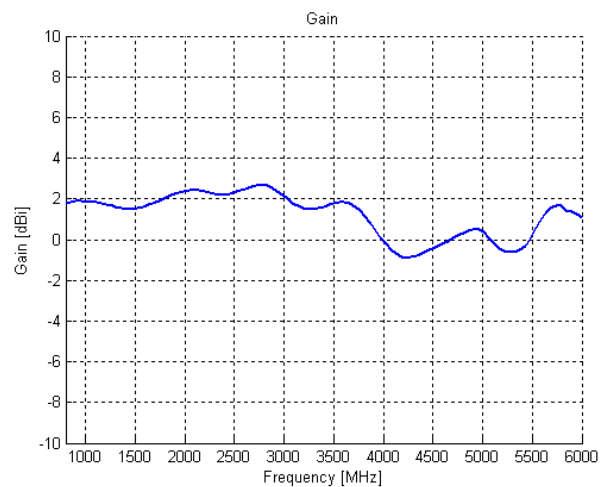
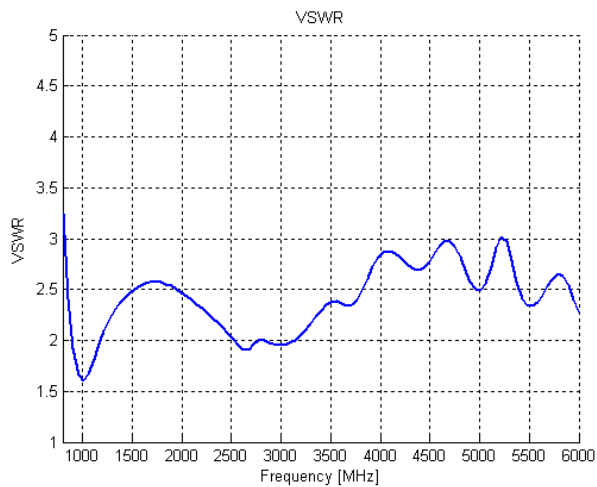
Product Code: OMNI-A0164

VERSION: 2.0

VSWR AND GAIN: band A



VSWR AND GAIN: band B



Wideband Jamming and Passive Monitoring Antenna

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PATTERNS

