

# High-Power Wideband Antenna

30 – 18 000 MHz

Product Code: OMNI-A0366

VERSION: 1.1

## SPECIFICATIONS:



\*Picture is indicative only

<b>Electrical:</b>		
Frequency:		
Band A	30 – 2000 MHz	
Band B	2000 – 6000 MHz	
Band C	6000 – 18000 MHz	
VSWR:	Typical	Max
Band A	< 2:1	<7:1
Band B	< 2:1	<3:1
Band C	< 2:1	<3:1
Nominal input impedance	50 Ω	
Connectors:		
Band A	N-Type Female	
Band B	TNC Female	
Band C	SMA Female	
Power:		
Band A	150 W	
Band B	100 W	
Band C	35 W	
Polarisation	Vertical	
Pattern	Omni-directional	
Gain:	See Graph	
Groundplane requirements		
Band A	Dependant	
Band B and C	Independent	
<b>Mechanical:</b>		
Base (d x h)	140 mm x 850 mm	
Radiator diameter	100 mm	
Weight	< 5 kg	
Mounting	NATO 4- and 6-hole base flange	
<b>Environmental: designed to meet the following specifications</b>		
Shock	20G	
Temperature range	- 30 °C to +70 °C	
Water ingress rating	IP65	

## PRODUCT FEATURES:

- 30 to 18000 MHz frequency range
- Rugged
- Suited for vehicle-mount applications

## APPLICATION:

- High-power applications

## PRODUCT DESCRIPTION:

The OMNI-A0366 is a high-powered antenna designed for vehicle applications in the 30 to 18000 MHz frequency band.

The radome is equipped with spring mounting to allow whip-action and resistance to impacts and obstructions.

Band A is groundplane dependent and a ground strap is provided to aid with grounding. Bands B and C are ground plane independent.

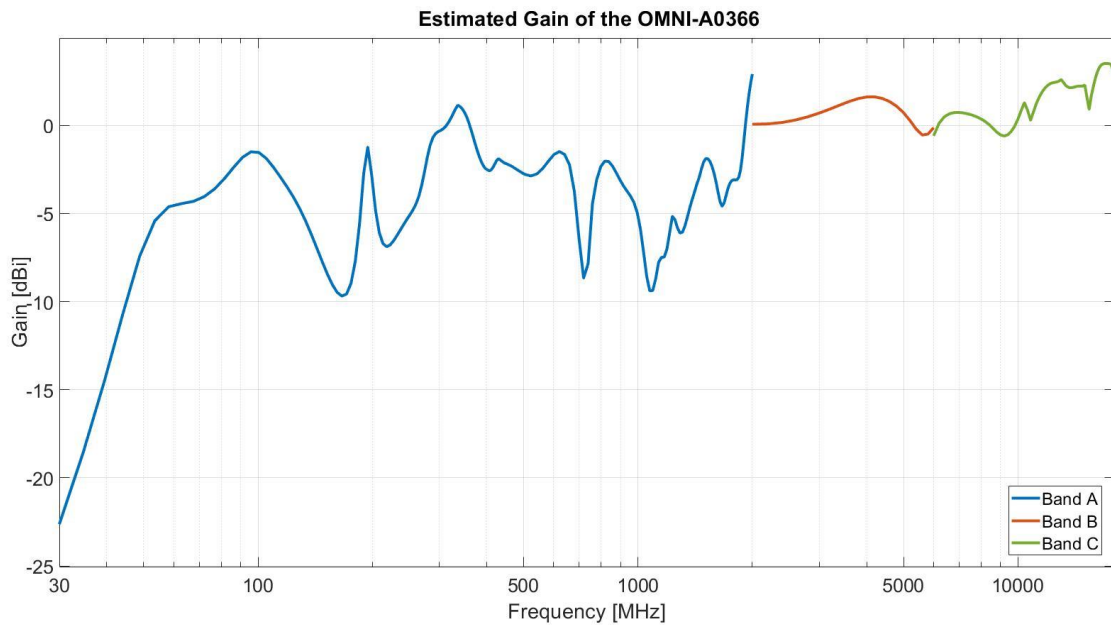
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## Estimated gain:



## Estimated VSWR:

