

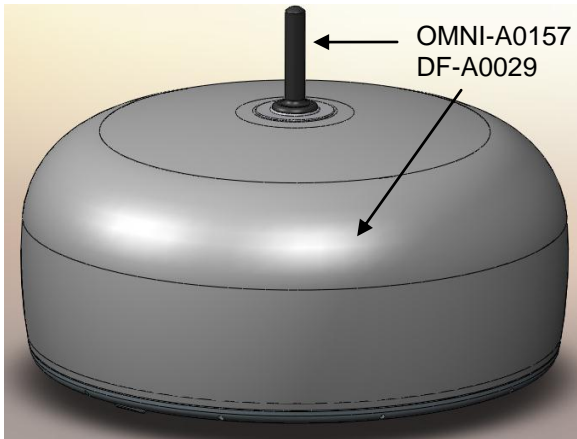
Wideband, High Frequency Monitoring Antenna for the DF-A0029

2 – 6 GHz

Product Code: OMNI-A0157

VERSION: 1.1

SPECIFICATIONS:



Electrical:	
Frequency range	2 – 6 GHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Feed power handling	50 W
Gain (free space)	1 dBi
Polarisation	Vertical
Connectors	SMA male on cable
Mechanical:	
Dimensions (length x diameter)	200 mm x 40 mm
Material	Aluminium, stainless steel, fibreglass
Total mass	400 g
Mounting	5 x M5 CSK screws onto DF-A0029
Environmental:	
Wind survival	160 km/h
Temperature range	- 30 °C to + 65 °C
Water and dust resistance	MIL-STD-820F (506.4)
Corrosion	Appropriate anti-corrosion measures are taken in the design of antenna for harsh environmental conditions

PRODUCT FEATURES:

- Wideband frequency 2 to 6 GHz
- VSWR < 2.5:1
- Omni-directional
- 50 W power handling
- Rugged construction
- Mounts directly onto the DF-A0029

PRODUCT APPLICATIONS:

- Wideband monitoring
- Covers the 3.5 and 5.8 GHz Wi-Fi frequency bands

PRODUCT DESCRIPTION:

This omni-directional dipole antenna is designed to be mounted on top of the DF-A0029 or any similar product. It is intended for high frequency wideband monitoring applications.

It covers a frequency band of 2 to 6 GHz with an average gain of 1 dBi.

It can be used over 1.5 to 7 GHz with reduced performance.

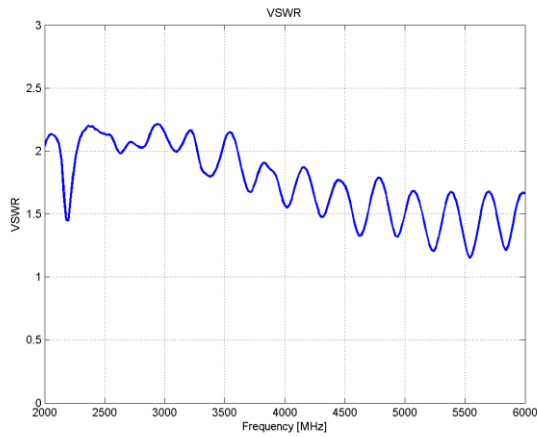
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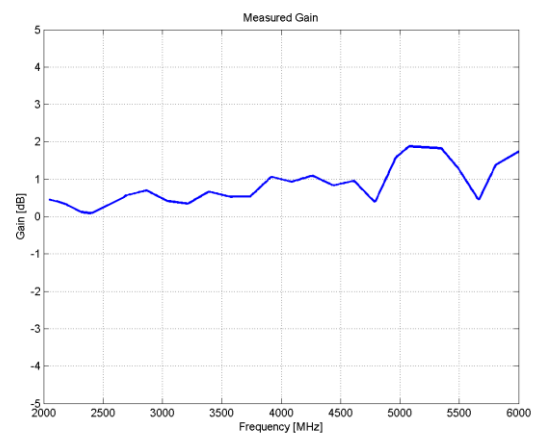
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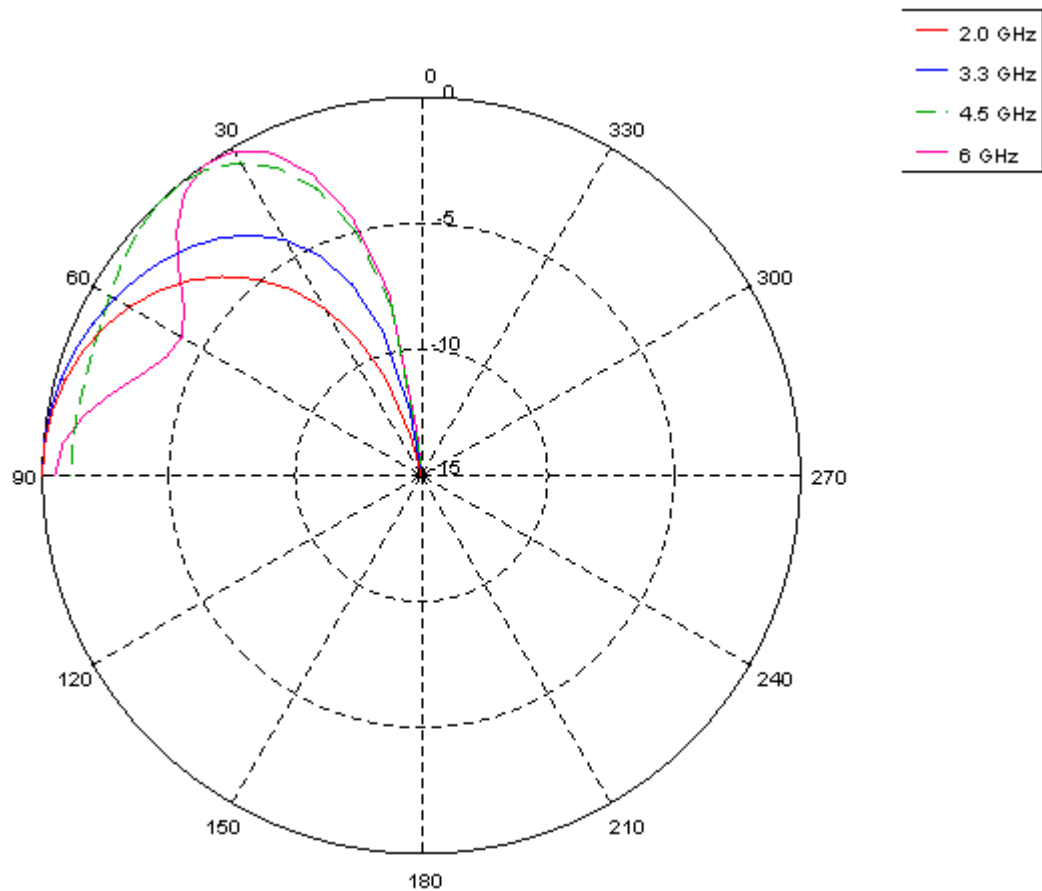
VSWR



Gain



Normalised radiation pattern



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Poynting Antennas has a policy of continuous improvement and hence specifications may change without notice

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