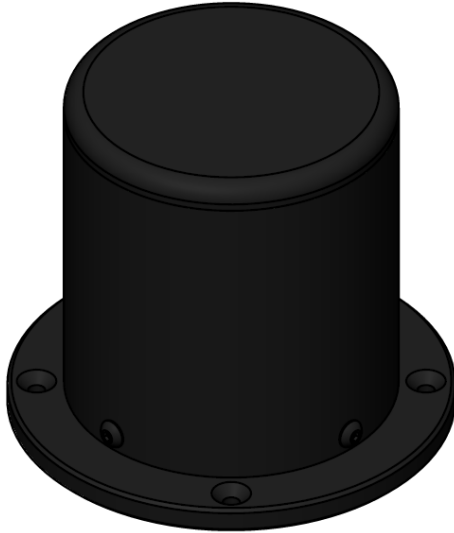


# Wideband Monitoring Antenna

8000 - 53000 MHz

Product Code: OMNI-A0379



## SPECIFICATIONS:

<b>Electrical:</b>	
Frequency range:	8000 - 53000 MHz
Gain	2 – 5 dBi
Nominal H-plane 3 dB beamwidth	360 °
Nominal E-plane 3 dB beamwidth	55 ° to 20 °
Azimuth ripple (RMS)	±1 dB
VSWR (typ.)	≤ 2.5:1
Nominal Input Impedance	50 Ω
Polarisation	Linear, vertical
RF power rating	Receive only
Connector type	2.4mm (f)
<b>Mechanical:</b>	
Height	< 110 mm (excluding connector)
Base diameter	< 135
Weight	< 350 g
<b>Environmental: designed to meet the following specifications</b>	
Operating temperature	-40 °C to +65 °C
Storage temperature	-55 °C to +85 °C
UV stability	Yes
Operational rainproof	Yes
Operational humidity	95% at +25 °C and +55 °C
Wind velocity (no ice)	180 km/h
Sand and dust resistant	Yes
Vibration	10 Hz – 300 Hz: 0.01 g2/Hz 300 Hz – 500 Hz: 0.03 g2/Hz
Mechanical shock	40 g @ 15 ms all axis
Indirect lightning survival	Yes
Salt fog	Yes. 47 °C with 5% NaCl solution

## PRODUCT FEATURES:

- Ultra wideband 8000 to 53000 MHz
- Very good sensitivity
- Suited to low-profile applications
- Robust
- IP56

## APPLICATION AREAS:

- General spectrum monitoring

## PRODUCT DESCRIPTION:

This vertically polarised, ultra-wideband omni-directional monitoring antenna covers 8000 to 53000 MHz and is ideal for spectrum monitoring applications.

The design is compact and robust, making it suitable for vehicle as well as mast mount applications.