

136 – 174 MHz
VHF Ground Plane Antenna
For Wireless Communications

Model: VS-AN-VHF-OD-136174

Electrical Specification

Frequency Range	136 - 174 MHz
Band Width	10 MHz
Gain	2.15 dBi
VSWR (Max.)	≤ 1.5
Input Impedance	50 Ω
Polarization	Linear, Vertical
Horizontal Beam Width	360°
Vertical Beam Width	72°
Maximum Power Input	50 W
Radiation Pattern	Omni Directional
Connector	UHF (Female)

Mechanical Parameters

Material	Aluminium Alloy
Length	500 mm
Weight	2 Kg
Mounting Hardware	MS Galvanised Powder Coated
Mounting Style	Tower and Pole
Support Pole Diameter	Ø2 inch

Environmental Parameters

Operating Temperature	-30 to +70°C
Storage Temperature	-40 to +80°C
Wind Speed	200 Km / Hr
Humidity	95% No Condensation

