

Powertec 4G-5G Outdoor Wall Mount Antenna, 698 to 4000 MHz, 4.3-10 Female

SKU: ANT-BH-00089

MPN: VPA-6940-7.432

Barcode: 9337692004308

Description

The Powertec 4G-5G Outdoor Wall Mount Antenna is a versatile solution designed to enhance wireless communications across a broad frequency range from 698 to 4000 MHz. Its robust construction with aluminium and ABS plastic ensures durability in diverse environmental conditions, operating effectively between -40 °C and 65 °C. This antenna is particularly suited for outdoor deployment in network infrastructure, supporting applications that demand reliable 4G and 5G connectivity.

With a vertical polarisation and a peak gain ranging from 5.5 dBi to 8.0 dBi, it efficiently boosts signal reception and transmission, making it ideal for improving mobile network coverage and capacity in both urban and rural settings. The antenna's N Female RF connector and 50 Ω impedance facilitate easy integration with existing network systems. Additionally, its compact design, weighing only 0.4 kg, allows for straightforward installation using a pole clamp mount...

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RF Specification

Start Frequency:	698 MHz	Polarisation:	Vertical (V)
Stop Frequency:	4000 MHz	Input Impedance:	50 Ω
Max. Input Power:	50 W		

RF Connectors

Ports	RF Interface	Body Shape
1	4.3-10	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	F/B Ratio
698 MHz	806 MHz	5.5 dBi	< 2:1	100°	90°	> 9 dB
806 MHz	960 MHz	6.5 dBi	< 2:1	85°	82°	> 10 dB
1710 MHz	2700 MHz	8 dBi	< 1.8:1	65°	60°	> 15 dB
3300 MHz	4000 MHz	7 dBi	< 1.8:1	50°	45°	> 11 dB

Physical Specification

Subtype:	Panel / Sector	Dimensions:	180 x 158 x 60
Input Ports:	1	Materials:	Aluminium, ABS Plastic
MIMO:	1x1 SISO	Mounting:	Pole Clamp 30 to 52 mm
Min. Operating Temperature:	-40 °C	Weight:	0.4 kg
Max. Operating Temperature:	65 °C		
PIM, 3rd Order:	-150 dBc		

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