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Powertec 5G 4x4 MIMO Panel Antenna, 3300 to 3800 MHz, 4.3-10 Female

SKU
ANT-PT-00014
MPN
4XPA-3338-14.432
Barcode
9337692003738

Description

4XPA-3338-14 is a commercial grade 4x4 MIMO antenna designed for use on 5G networks. Providing a nominal peak gain of 14 dBi across 3300 to 3800 MHz the antenna is an ideal solution for gigabit wireless access over the 5G n78 (3500 MHz) band.

The antenna's patch array design provides a slim unobtrusive form factor, while maintaining exceptional isolation, null fill, and discrimination characteristics.

Four 4.3-10 Female bulkhead connectors (or N Female on request) exit the rear of the antenna, allowing direct connection of cables to the patch array.

Powertec's 4XPA-3338-14 antenna is designed specifically for the 5G 3.5 GHz C-Band, which is the most dominantly deployed 5G network frequency. The antenna has been designed for testing of 5G networks, and for long range 5G connectivity.

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Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Specification

Start Frequency
3300 MHz
Stop Frequency
3800 MHz
Max. Input Power
10 W
Polarisation
Dual Slant ±45°
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape
4	4.3-10 Female	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	F/B Ratio	Inter-Port Iso.	Cross-Polar Iso.
3300 MHz	3600 MHz	13.8 dBi	< 2:1	35°	35°	> 24 dB	> 25 dB	> 15 dB

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	F/B Ratio	Inter-Port Iso.	Cross-Polar Iso.
3600 MHz	3800 MHz	14.3 dBi	< 2:1	30°	30°	> 25 dB	> 25 dB	> 15 dB

Physical Specification

Subtype
Panel / Sector
Input Ports
4
MIMO
4x4 MIMO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
65 °C
Dimensions
250 x 250 x 25
Materials
ABS Plastic, Aluminium
Mounting
Pole Clamp 25 to 52 mm ⌀
Weight
2.5 kg

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