

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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RF Specification

Start Frequency:	3300 MHz	Polarisation:	Dual Slant $\pm 45^{\circ}$
Stop Frequency:	3800 MHz	Input Impedance:	50
Max. Input Power:	10 W		

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
3600 MHz	3800 MHz	14.3 dBi	< 2:1	30°	30°	> 25 dB	> 25 dB	> 15 dB

Physical Specification

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

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