

**BLACKHAWK**
ANTENNAS

Blackhawk Wideband MIMO Antenna

698-960 MHz, 14dBi (ANT-BH-PN-0001)

Ideal for Telstra NextG and 4GX networks, or Optus and Vodafone 3G/4G

The Blackhawk MIMO High Gain Panel Antenna provides an ideal solution for 4G data applications where a high speed MIMO data connection is required. Especially in very remote areas with only extremely weak 4G signal, or quite often where no 4G signal is present at all.

Panel antennas are the most popular choice for mobile broadband as their 60° receiving angle means the antenna need only be rotated in the 'rough' direction of the cell tower to provide maximum gain. Their construction is in true $\pm 45^\circ$ 'XPOL' polarisation providing total separation of the two data streams transmitted by the cell tower allowing a near 100% increase in speed over a single polarised antenna. This antenna is extremely well designed, with fully engineered microwave grade internal componentry.

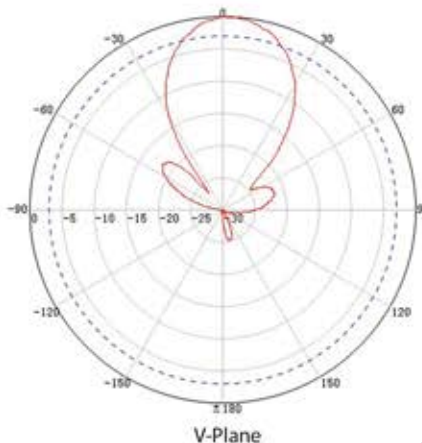
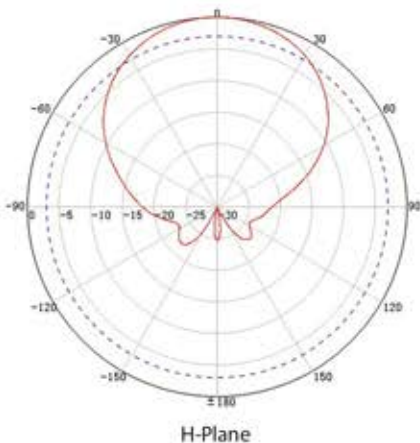
Features:

- ♦ Ruggedised construction for extreme conditions, heavy duty UV-PVC
- ♦ Stainless steel mounting clamp included
- ♦ Two integrated N Female connectors
- ♦ 2 x integrated N Female connectors
- ♦ Ideal for high speed 3G and 4G LTE applications



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ELECTRICAL SPECIFICATIONS	MECHANICAL SPECIFICATIONS
Freq Range 698-960 MHz	Dimensions 1280x280x130 mm
Impedance 50 Ω	Weight 6.00kg
VSWR ≤ 2.0	Operating Temperature $-40^\circ\text{C} - +65^\circ\text{C}$
Gain 14dBi	Connector 2*N-Female
Max Input Power 100W	Material Aluminium/UV-PVC
Polarisation $\pm 45^\circ$	Antenna Colour White
Horizontal Beamwidth 65°	Mounting Pole $\varnothing 38\text{-}\varnothing 70$ mm
Vertical Beamwidth 18°	



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