



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



BLACKHAWK Wideband MIMO Antenna

ELECTRICAL SPECIFICATIONS

Freq Range 698-960 MHz

Impedance 50 Ω

VSWR ≤ 2.0

Gain 14dBi

Max Input Power 100W

Polarisation $\pm 45^\circ$

Horizontal Beamwidth 65°

Vertical Beamwidth 18°

MECHANICAL SPECIFICATIONS

Dimensions 1280x280x130 mm

Weight 6.00kg

Operating Temperature $-40^\circ\text{C} - +65^\circ\text{C}$

Connector 2*N-Female

Material Aluminium/UV-PVC

Antenna Colour White

Mounting Pole $\varnothing 38 - \varnothing 70$ mm

