

# Blackhawk Mimo Panel Antenna

698-4000 MHz, 5.5dBi / 8dBi (ANT-BH-00018)

Operating on all 3G and 4G frequencies in Australia and abroad, this high-grade antenna with a low -150dBc PIM rating ensures it can be used in a range of residential, commercial, and industrial applications on any mobile network now and in the future.

The Blackhawk MIMO Panel antennas are the most popular choice for mobile broadband as the antenna can send and receive more than one data signal simultaneously over the same radio channel resulting in optimized data speeds.

The antenna remains compact and visually unobtrusive despite operating an extremely wide frequency range 698 to 4000 MHz, ensuring your connection remains compatible with the rollout of 5G carrier aggregation technologies.

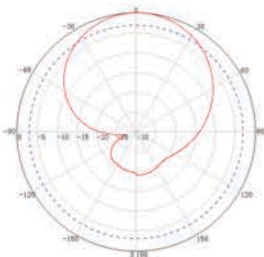


## Electrical Specifications

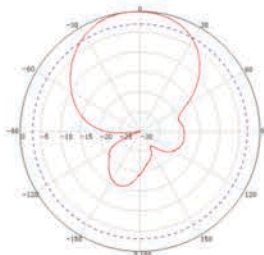
Frequency Range, MHz	698-960	1690-2700	3300-4000
Gain, dBi	5.5	8.5	7.0
VSWR	≤2.0	≤1.8	≤2.0
Polarization	Horizontal + Vertical		
Isolation	≤13 dB	≤20 dB	
Front to Back Ratio	≥8 dB	≥14 dB	≥12 dB
PIM, 3rd Order, 2x20W	≤-150 dBc		
Horizontal Beamwidth	80°	65°	45°
Vertical Beamwidth	78°	60°	35°
Input Impedance	50 Ω		
Max. Input Power	50 W		
Lightning Protection	DC Ground		

## Mechanical Specifications

Connector	2xN / 4.3-10 DIN Female
Dimensions	315x195x68 mm
Weight	0.65 kg
Reflector Material	Aluminum and PCB
Radome Material	ABS (UV Stabilized)
Operating Temperature	-40°C to +65°C



H-Plane



V-Plane

ABN: 42 082 948 463