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# **Blackhawk 4G Trucker Edge Antenna, 698 to 2200 MHz, SMA Male**

SKU  
ANT-BH-OM-202TB-2  
MPN  
VVCL-6922-6.SA1B  
Barcode  
9337692000423

## Description

The Blackhawk 4G Trucker Edge Antenna (SKU: ANT-BH-OM-202TB-2) provides good performance across a frequency range of 698 to 2200 MHz, making it an ideal solution for enhancing cellular 4G-5G mobile network coverage. This vehicle antenna is designed with rugged materials, including fibreglass (GRP), stainless steel, and aluminium, ensuring durability in diverse environments from -40 °C to 65 °C.

Featuring a single SMA Male input port, this vertical polarised antenna supports a 50  $\Omega$  impedance and can handle up to 50 W of input power. It provides consistent RF performance with peak gains ranging from 5.3 to 5.8 dBi and low VSWR values across its operating bands, ensuring efficient signal transmission. The antenna's omnidirectional azimuth beamwidth of 360° ensures consistent coverage.

Measuring 950 x 60 mm and weighing 1.8 kg, the antenna is both compact and durable, facilitating easy installation on vehicles or fixed locations. The attached...

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## Blackhawk Antennas

Blackhawk Antennas are a quality antenna supplier based in Australia. Primarily supplying equipment to improve cellular mobile network performance, Blackhawk equipment represents a best-in-class solution which carefully balances economics with RF performance. Blackhawk Antennas supply premium grade mobile bandwidth suitable (3G, 4G, 4GX, 5G), quality tested, ruggedised antennas ideal for all types ...

## RF Specification

Start Frequency

698 MHz

Stop Frequency

2200 MHz

Max. Input Power

50 W

Polarisation

[Vertical \(V\)](#)

Input Impedance

50  $\Omega$

RF Connectors

**Ports RF Interface Body Shape Cable Series Length**

1 [SMA Male](#) [Straight](#) [L-240](#) 4500 mm

Frequency Test Data

**Start Freq. Stop Freq. Peak Gain VSWR Azimuth Elevation**

698 MHz 803 MHz 5.4 dBi < 2.3:1 360° 48°

803 MHz 890 MHz 5.8 dBi < 1.5:1 360° 44°

890 MHz 960 MHz 5.3 dBi < 1.5:1 360° 49°

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation
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1695 MHz	1880 MHz	5.6 dBi	< 1.7:1	360°	60°
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1880 MHz	2200 MHz	5.5 dBi	< 1.7:1	360°	65°
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## Physical Specification

Subtype

[Collinear](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

65 °C

Dimensions

950 x 60

Materials

[Aluminium](#), [Fibreglass \(GRP\)](#), [Stainless Steel \(304\)](#)

Weight

1.8 kg

Compliance/Certifications

ISO 9001 Quality Management

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RoHS

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