

GME AT4714BA 4G-5G Spring-Mount Bull Bar Antenna, 690 to 3800 MHz, 580 mm

SKU: ANT-GM-00035

MPN: AT4714BA

Description

The GME AT4714BA Spring-Mount Bull Bar Antenna is expertly designed for robust and reliable 4G to 5G communication across a broad frequency range of 690 to 3800 MHz. With a compact height of 580 mm, this fibreglass whip antenna is ideal for vehicular applications, offering seamless integration with bull bars. Its sturdy construction ensures durability in various environmental conditions, making it suitable for both urban and remote settings.

The antenna provides a single RP-SMA Female RF connection via a 4500 mm RG-58 cable, facilitating straightforward installation. It operates with a 50 Ω impedance and can handle up to 10 W input power, ensuring consistent performance across its operational frequencies. Its vertical polarisation and 360° azimuth beamwidth ensure comprehensive coverage, while peak gain values up to 5.0 dBi enhance signal reception and transmission efficiency.

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RF Specification

| | | | |
|-------------------|----------|------------------|--------------|
| Start Frequency: | 690 MHz | Polarisation: | Vertical (V) |
| Stop Frequency: | 3800 MHz | Input Impedance: | 50 |
| Max. Input Power: | 10 W | | |

RF Connectors

| Ports | RF Interface | Body Shape | Cable Series | Length |
|-------|---------------|------------|--------------|---------|
| 1 | RP-SMA Female | Straight | RG-58 | 4500 mm |

Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR | Azimuth |
|-------------|------------|-----------|---------|---------|
| 690 MHz | 960 MHz | 2.5 dBi | < 2.5:1 | 360° |
| 1710 MHz | 2700 MHz | 5 dBi | < 2.5:1 | 360° |
| 3400 MHz | 3800 MHz | 5 dBi | < 2.5:1 | 360° |

Physical Specification

| | | | |
|--------------|----------|-------------|--------------------|
| Subtype: | Whip | Dimensions: | 580 x 95 (H x Dia) |
| Input Ports: | 1 | Materials: | Fibreglass (GRP) |
| MIMO: | 1x1 SISO | Weight: | 1.5 kg |

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