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# CradlePoint 170704-002 Cellular Antenna, Black Mini, 600 MHz - 6 GHz, SMA for IBR1700/IBR900, AER2200, IBR600C/IBR200

SKU
M2M-CP-00106
MPN
170704-002

**Description**

The CradlePoint 170704-002 Cellular Antenna is designed for seamless integration with devices such as the IBR1700, IBR900, AER2200, and IBR600C/IBR200. Operating across a wide frequency range of 600 MHz to 6 GHz, this compact black mini antenna provides robust connectivity for Wireless WAN applications. It features SMA connectors, ensuring compatibility and ease of installation across various CradlePoint solutions.

Ideal for businesses seeking reliable wireless connectivity, this antenna enhances the performance of LTE and 5G networks, empowering organisations to extend their network capabilities beyond traditional wired limits. Whether connecting remote sites, vehicles, mobile workforces, or IoT devices, the CradlePoint 170704-002 ensures a secure and efficient communication infrastructure, making it a valuable asset for diverse applications such as transportation, field services, and remote monitoring.

CradlePoint, a leader in wireless...

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**Cradlepoint**

Cradlepoint is a Boise, Idaho, company with a mission of enabling customers to Connect Beyond the limits of wired networks. We unlock the transformative power of today’s LTE and 5G cellular networks to provide an agile, reliable, and pervasive Wireless WAN edge.

Through Cradlepoint’s solutions, companies can connect sites, vehicles, mobile workforces, and IoT devices in a simple and secure way ...

# RF Specification

Start Frequency
615 MHz
Stop Frequency
5925 MHz
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

| Ports | RF Interface | Body Shape |
|---|---|---|
| 1 | SMA Male | Straight |

Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR |
|---|---|---|---|
| 615 MHz | 960 MHz | 0.28 dBi | < 3.6:1 |
| 1445 MHz | 1515 MHz | 0.52 dBi | < 2.6:1 |
| 1710 MHz | 2700 MHz | 2.03 dBi | < 2.6:1 |
| 3300 MHz | 3800 MHz | 3.66 dBi | < 3.2:1 |

| Start Freq. | Stop Freq. | Peak Gain | VSWR |
| --- | --- | --- | --- |
| 5150 MHz | 5925 MHz | 3.98 dBi | < 1.6:1 |

# Physical Specification

Subtype
Hinged Terminal
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-20 °C
Max. Operating Temperature
65 °C
Dimensions
140
Mounting
Terminal / Device
Weight
0.15 kg

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