

# 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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## RF Specification

### 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.

Start Frequency:

615 MHz

Polarisation:

Linear

Stop Frequency:

5925 MHz

Input Impedance:

50

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

RF Connectors

**Ports**

1

**RF Interface**

SMA Male

**Body Shape**

Straight

## Frequency Test Data

<b>Start Freq.</b>	<b>Stop Freq.</b>	<b>Peak Gain</b>	<b>VSWR</b>
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
5150 MHz	5925 MHz	3.98 dBi	< 1.6:1

# Physical Specification

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

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