

# CradlePoint 170801-000 Cellular Antenna, Charcoal, 600 MHz - 6 GHz, SMA for IBR1700/IBR900, AER2200, E300/E3000, MC400

SKU: M2M-CP-00105

MPN: 170801-000

## Description

The CradlePoint 170801-000 Cellular Antenna is a versatile and robust solution designed for a range of Cradlepoint devices, including the IBR1700, IBR900, AER2200, E300, E3000, and MC400. Operating across a wide frequency range from 600 MHz to 6 GHz, this hinged antenna is ideal for enhancing LTE and 5G connectivity in various applications, such as connecting remote sites, vehicles, mobile workforces, and IoT devices.

The antenna features a single SMA Male interface with a hinging connector, facilitating straightforward installation and integration with existing setups.

As part of Cradlepoint's innovative wireless solutions, this antenna helps unlock the potential of wireless WAN edge technology, enabling seamless and secure connectivity beyond the limitations of wired networks.



## 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	Polarisation:	Linear
Stop Frequency:	6000 MHz	Input Impedance:	50

## 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	1.1 dBi	< 3.6:1
1445 MHz	1515 MHz	0.6 dBi	< 2.6:1
1520 MHz	1640 MHz	0.37 dBi	< 2.5:1
1710 MHz	2700 MHz	2.63 dBi	< 2.5:1
3000 MHz	3700 MHz	4 dBi	< 2.5:1
3700 MHz	5000 MHz	4 dBi	< 4.5:1
5150 MHz	5925 MHz	4.39 dBi	< 4.5:1

# Physical Specification

Subtype:	Hinged Terminal	Dimensions:	180
Input Ports:	1	Ingress Protection:	IP67
MIMO:	1x1 SISO	Materials:	Plastic
Min. Operating Temperature:	-40 °C	Weight:	0.15 kg
Max. Operating Temperature:	85 °C	Compliance/Certifications:	RoHS
		Mechanical Compliance:	IEC 60068-2-6: Vibration

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