Powertec Wireless Technology
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Cradlepoint Cellular Antenna, White, 600 MHz - 6 GHz, SMA (CBA850 / W1850/ W2000)

SKU
M2M-CP-00134
MPN
170761-001

Description

The CradlePoint 170761-001 Cellular Antenna is a versatile 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
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	1.1 dBi	< 3.5:1
1445 MHz	1640 MHz	0.6 dBi	< 2.5:1
1710 MHz	2700 MHz	2.63 dBi	< 2.5:1
3400 MHz	3700 MHz	4 dBi	< 2:1

Start Freq.	Stop Freq.	Peak Gain	VSWR
3700 MHz	5000 MHz	4 dBi	< 4.5:1
5150 MHz	5925 MHz	4.39 dBi	< 3.5:1

Physical Specification

Subtype
Hinged Terminal
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Dimensions
180
Mounting
Terminal / Device
Weight
0.15 kg
Compliance/Certifications
ISO 9001 Quality Management

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