

Page



Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

