



The Bloodhound case antenna is a 5G, portable case antenna with up to 13:1 configuration designed to provide an on-the-go network solution in areas where cellular infrastructure may be compromised. This rugged, high-performance antenna provides full use of the 5G 600 MHz to 6 GHz spectrum for first responders, critical communications, surveillance, covert operations, and more.

The Bloodhound case uses shock absorption and impact resistant resin to reduce damage and loss of performance due to hard use. Customizable special features make the Bloodhound one of our best-selling cases for high profile network solutions.

Patented



1st  
to **5G**



**Configurations 6:1 | 8:1 | 9:1 | 13:1**

**Emergency Communications | Primary & Failover | Remote Video Monitoring**

### ***Failover Ready***

Up to 4 SIM Capability\*

### ***Long Lasting***

Up to 24 Hour Battery Life

### ***Durable***

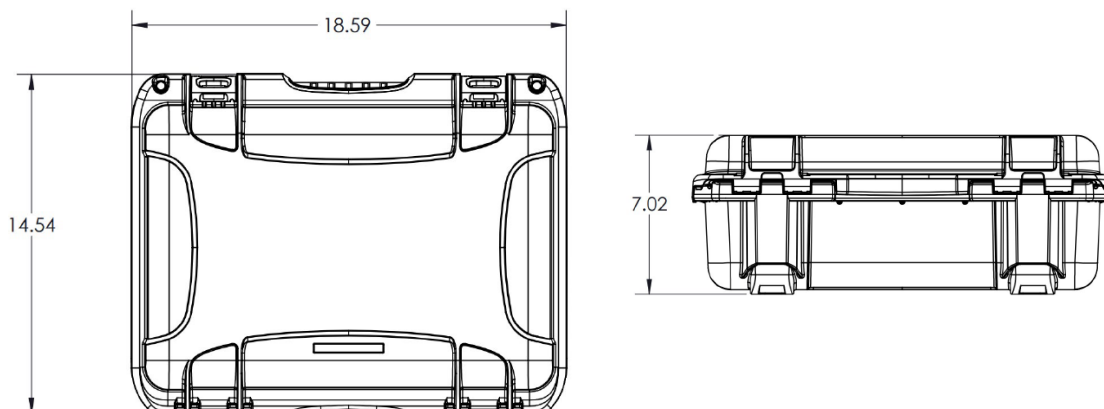
Shock Resistant Mobile Case

- UP TO 8X8 MIMO CELLULAR
- UP TO 4X4 MIMO WI-FI
- OMNI-DIRECTIONAL
- GPS & OPTIONAL BLUETOOTH
- 600 MHz – 6 GHz
- 18.59 in X 14.54 in X 7.02 in
- WI-FI 6 COMPATIBLE

# Specifications

Frequencies			
4G/5G Cellular	617-894 MHz 1710-2700 MHz 3300-4000 MHz 5150-5925 MHz	Wi-Fi	2400-2483.5 MHz 4900-5900 MHz
4G/5G Bands			
North America	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B29, B30, B41, B46, B48, B66, B71 n2, n5, n12, n25, n26, n41, n48, n66, n71, n77		
EMEA	B1, B3, B7, B20, B28, B42, B43, B46 n1, n3, n28, n77, n78		
Mechanical		Environmental	
Dimensions	18.59 inch X 14.54 inch X 7.02 inch	Operating Temperature	-40 °C to 85°C OR -40 °F to 180°F
RF Cable Length	18 inch Pigtails	Ingress Protection	IP67 for -A Version *when closed. IP54 for -G &-L Version *when all ports and lid are closed
Router Pairings	Cradlepoint R1900	Max Router Dimensions	8" x 7.5" x 1.7" if using 27k Battery or 6" x 7" x 3" if using 54k Battery
	Cradlepoint R1900 w/ Dual Modem  Cradlepoint IBR1700 w/ Dual Modem	Max Router Configuration	8 Cellular, 4 Wi-Fi, GPS
<ul style="list-style-type: none"><li>• Temperature range is for antenna only. Equipment installed inside the enclosure may have a different temperature range.</li><li>• *Openings in the enclosure for options like fans and power cords may reduce ingress protection even with covers installed.</li></ul>			

## Dimensions



## Product Images



## Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1 thru 8	617-698 MHz	70
	CELL 1 thru 8	698-894 MHz	80
	CELL 1 thru 8	1710-2200 MHz	85
	CELL 1 thru 8	2200-2700 MHz	70
	CELL 1 thru 8	3300-4000 MHz	50
	CELL 1 thru 8	5150-5925 MHz	50
	GPS	1575.42 MHz	80
	Wi-Fi 1 thru 4	2400-2483.5 MHz	85
	Wi-Fi 1 thru 4	4900-5900 MHz	70
	Bluetooth	2400-2483.5 MHz	85
Peak Gain (dBi)	CELL 1 thru 8	617-698 MHz	2
	CELL 1 thru 8	698-894 MHz	4
	CELL 1 thru 8	1710-2200 MHz	7
	CELL 1 thru 8	2200-2700 MHz	7.5
	CELL 1 thru 8	3300-4000 MHz	7.5
	CELL 1 thru 8	5150-5925 MHz	8.5
	GPS	1575.42 MHz	6
	Wi-Fi 1 thru 4	2400-2483.5 MHz	7
	Wi-Fi 1 thru 4	4900-5900 MHz	8.5
	Bluetooth	2400-2483.5 MHz	7

<b>Return Loss 50Ω (dB)</b>	CELL 1 thru 8	617-698 MHz	8
	CELL 1 thru 8	698-894 MHz	9
	CELL 1 thru 8	1710-2200 MHz	12
	CELL 1 thru 8	2200-2700 MHz	7
	CELL 1 thru 8	3300-4000 MHz	5
	CELL 1 thru 8	5150-5925 MHz	7
	GPS	1575.42 MHz	12
	Wi-Fi 1 thru 4	2400-2483.5 MHz	13
	Wi-Fi 1 thru 4	4900-5900 MHz	9
	Bluetooth	2400-2483.5 MHz	13
<b>Isolation (dB)</b>	CELL 1 thru 4	617-894 MHz	22
	CELL 1 thru 4	1710-2700 MHz	20
	CELL 1 thru 4	2200-2700 MHz	20
	CELL 1 thru 4	3300-4000 MHz	24
	CELL 1 thru 4	5150-5925 MHz	30
	CELL 5 thru 8	617-894 MHz	12
	CELL 5 thru 8	1710-2700 MHz	16
	CELL 5 thru 8	2200-2700 MHz	17
	CELL 5 thru 8	3300-4000 MHz	18
	CELL 5 thru 8	5150-5925 MHz	30
	CELL Adjacent	617-894 MHz	8
	Wi-Fi	2400-2483.5 MHz	20
	Wi-Fi	4900-5900 MHz	25
	Bluetooth	2400-2483.5 MHz	20
<b>Polarization (dBi)</b>	CELL, Wi-Fi Bluetooth GPS		Linear Linear RHCP
<b>Max Input Power (Watts)</b>	CELL, Wi-Fi, Bluetooth		5
<b>GNSS Preamp Gain (dB)</b>	GPS		28
<b>GNSS Preamp Voltage (V)</b>	GPS		2.2 to 5.0
<b>RF Connectors</b>	CELL, GPS Wi-Fi, Bluetooth		SMA(M) RPSMA (M)
<b>RF Cable Type</b>	CELL, Wi-Fi, Bluetooth GPS		RG316 RG316 LSR100

- CELL 1 thru 4 are grouped together for one modem with CELL 5 thru 8 connected to the other modem.
- Isolation, return loss, and peak gain does not include cable loss.
- SMA connectors have a max torque of 3-5 in-lbs.
- NF connectors have a max torque of 6.2-9.7 inch lbs.
- Electrical specifications based on antenna mounted in the lid of the plastic enclosure.
- **\*Battery, router, and SIM Card are not included.** Customers should contact Parsec's authorized distributors and VAR's listed on our website for a full list of routers and other options that will complete the Emergency Hot Spot.
- Parsec is currently phasing out inventory with LTE on our Cellular cables (now labeled CELL). For cables labeled LTE, please refer port "CELL" in the data sheets and installation instructions.

## Ordering

*Our Bloodhound antenna consists of a protective case with the antenna built into the lid.*

Config.	Part Number	Description
6:1	PRO6BH2L3WG-G	2 Cellular 3 Wi-Fi, GPS, Black Case with Antenna Build into Lid with 54K Battery Needed (see antenna options for description)
8:1	PRO8BH4L2WBG-L	4 Cellular 2 Wi-Fi, Bluetooth, GPS, Black Case with Antenna Build into Lid with AC Adapter (see antenna options for description)
	PRO8BH4L2WBG-G	4 Cellular 2 Wi-Fi, Bluetooth, GPS, Black Case with Antenna Build into Lid with 54K Battery Needed (see antenna options for description)
9:1	PRO9BH4L4WG-L	4 Cellular 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with AC Adapter (see antenna options for description)
	PRO9BH4L4WG-G	4 Cellular 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with 54K Battery Needed (see antenna options for description)
13:1	PRO13BH8L4WG	8 Cellular 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid
	PRO13BH8L4WG-L	8 Cellular 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with AC Adapter (see antenna options for description)
	PRO13BH8L4WG-G	8 Cellular 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with 54K Battery Needed (see antenna options for description)
	PRO13BH8L4WG-G1	8 Cellular 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with 27K Battery Needed (see antenna options for description)

# Part Number Key

Part number example for a 12:1 Bloodhound antenna: PRO12BH8L2WBG

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of Antennas in Housing/Configuration	12:1	PRO12
Antenna Abbreviation for Bloodhound	BH	PRO12BH
Number of Cellular Elements	#L	PRO12BH8L
Number of Wi-Fi Elements	#W	PRO12BH8L2W
Bluetooth	#B	PRO12BH8L2WB
Number of GPS Elements	G	PRO12BH8L2WBG
Optional G Version - Includes the options listed	-G	PRO12BH8L2WBG-G
Optional G1 Version - Includes the options listed	-G1	PRO12BH8L2WBG-G1
Optional L Version - Includes the options listed	-L	PRO12BH8L2WBG-L
Custom case colors and connectors are available. For more information contact <a href="mailto:sales@parsec-t.com">sales@parsec-t.com</a> .		

## Antenna Options

Description	PRO12BH8L2WBG	-G Version	-G1 Version	-L Version
Antenna	YES	YES	YES	YES
Fan and Vent	NO	YES	YES	YES
AC Adapter	NO	NO	NO	YES
Barrel Connector	NO	YES	YES	YES
1x USB Adapter	NO	YES	YES	YES
4x RJ-45 Connectors	NO	YES	YES	YES
Router Mount Plate	NO	YES	YES	YES
Top Cover	NO	YES	YES	YES
27K Battery Tray	NO	NO	YES	NO
54K Battery Tray	NO	YES	NO	NO
Battery: ChargeTech 27K AC Battery Pack- Portable Power Supply or 54K Dual AC Battery Pack- Portable Power Supply (Not Included with Antenna. Must Be Purchased Separately.) For more information, see our installation instructions at <a href="http://Parsec-t.com">Parsec-t.com</a> for Bloodhound Case Series.				

## *Additional Hardware Accessories*

<i>Accessory</i>	<i>Part Number</i>
RJ-45 Adapter	PTA0415
RJ-45 Adapter, 1.25" Diameter	PTA0415-2
USB-A Panel Mount	PTA0448
HDMI Port	PTA0683
DC Barrel	PTA0447B
AC Adapter with 16" Cord Kit	PTA0771
Top Cover Plate Mounting Screws	PTA0351
40mm Vent and Cap Kit	PTA0477
60mm Fan Replacement Kit (Includes Screws and Nuts)	PTA0765
60mm Vent and Cap Kit	PTA0478
SMA Wrench, Key Chain	PTA0194
Service: Router Installation	PTA-Install-150



**Parsec Antennas**

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