



The Beagle Mobile Hot Spot Case is a 2X2 MIMO cellular, up to 3X3 MIMO Wi-Fi, and GPS 5G antenna. The Beagle is optimized with high cellular isolation for strong signal quality and high-volume data transfer rates. This case solution is ideal for users needing seamless video streaming or high-speed downloads in low coverage areas.

This IP67 rated case antenna is portable enough to qualify as an airline carry-on case while providing a ruggedized housing to prevent damage to the internals.

Patented



Configurations 5:1 | 6:1

Emergency Communications | First Responders | Transportation & Fleet

## Portable Design

Compact Size Allows for Ease of Use

## High Data Speeds

High Gain with High Isolation

## Durable

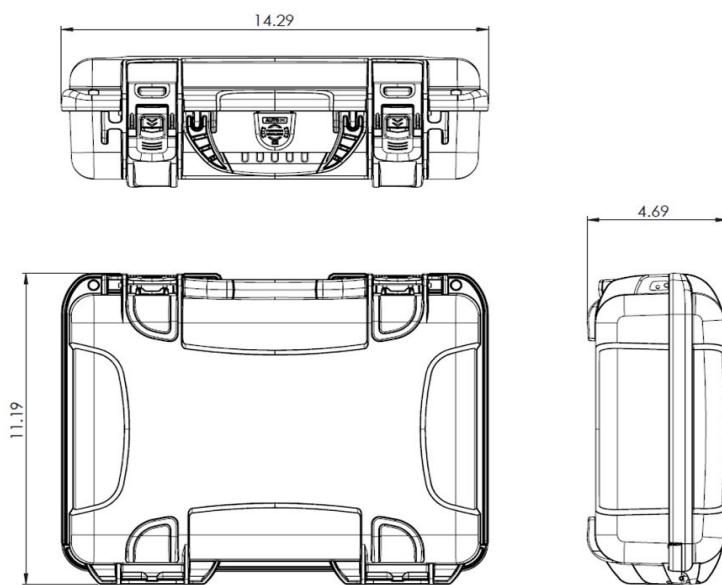
IP67 Rated for Water Resistance\*

- 2X2 MIMO CELLULAR
- UP TO 3X3 MIMO WI-FI
- OMNI-DIRECTIONAL
- 600-6000 MHz
- GPS/GNSS
- 14.3 in x 11.1 in x 4.7 in
- WI-FI 6 COMPATIBLE

# Specifications

Frequencies			
4G/5G Cellular	698-960 MHz 1710-2700 MHz 3400-4000 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 n2, n5, n12, n25, n26, n41, n48, n66, n71, n77		
EMEA	B1, B3, B7, B8, B20, B28, B42, B43, B46 n1, n3, n28, n77, n78		
Mechanical		Environmental	
Dimensions	14.3 in X 11.1 in X 4.7 in	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Internal Dimensions	13.2 in X 9.2 in X 4.1 in		
Lock Hole Diameter	0.35 in	Ingress Protection	IP67 for -A Version *when closed. IP54 for -G &-L Version *when all ports and lid are closed
RF Cable Length	15 in Pigtailed		
Max Router Configuration	2 Cellular, 3 Wi-Fi, GPS	Max Router Dimensions	5.5" x 4.5" x 1.75"
<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>			

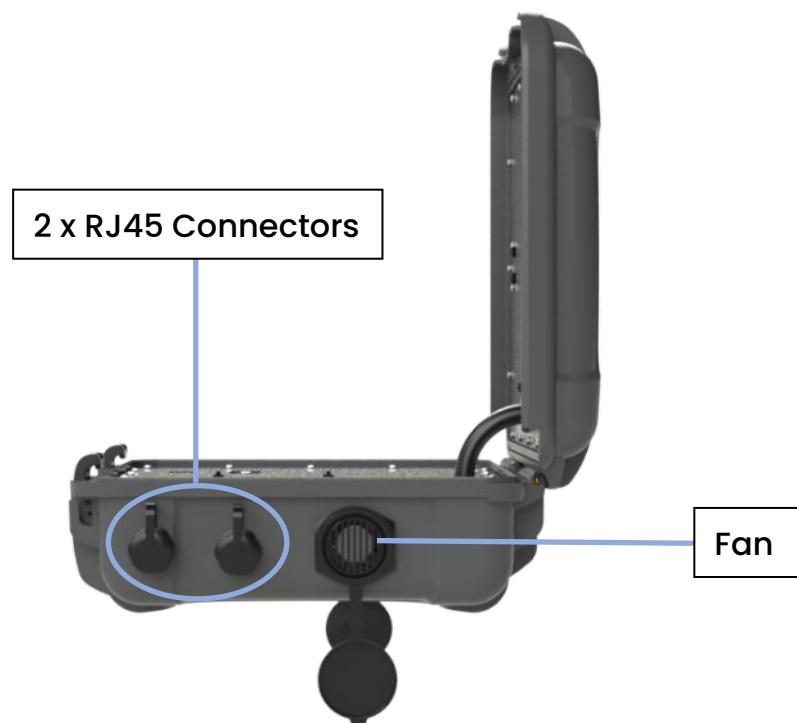
## Dimensions

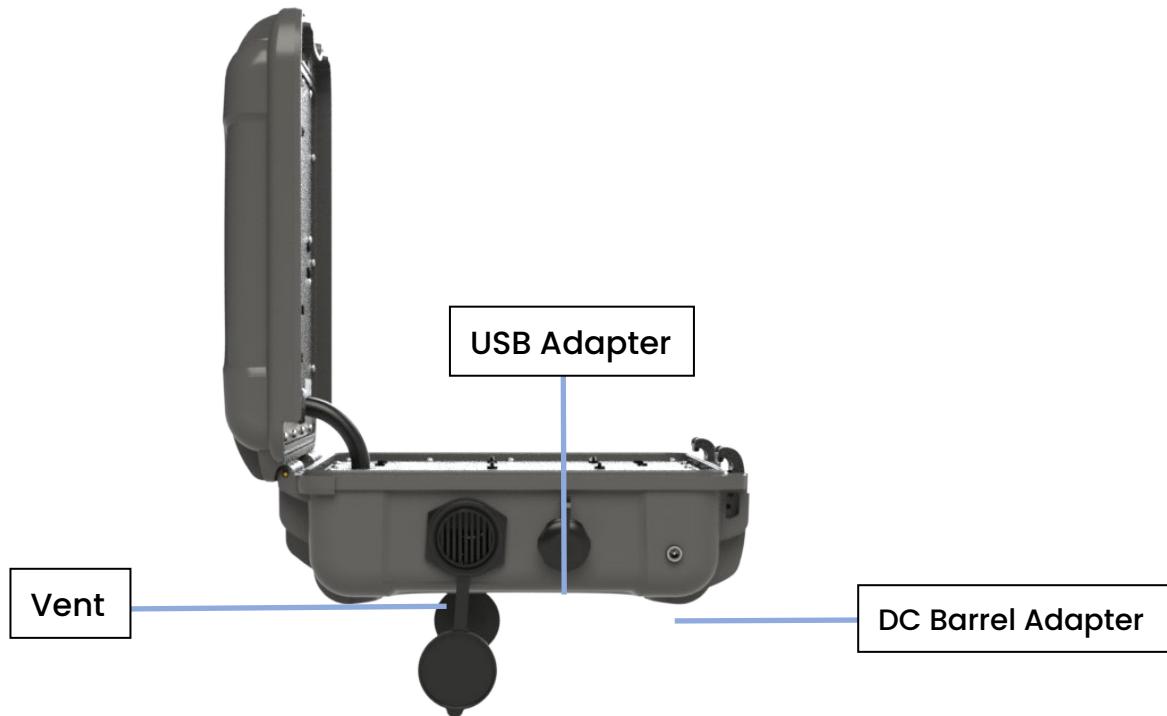


## *Product Images*



*PRO5B2L2WG-G*





## Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1, 2	698-703 MHz	50
	CELL 1,2	703-960 MHz	60
	CELL 1, 2	1710-2200 MHz	80
	CELL 1, 2	2200-2700 MHz	70
	CELL 1, 2	3400-4000 MHz	50
	CELL 1, 2	5150-5925 MHz	50
	GPS	1575.42 MHz	80
	Wi-Fi 1, 2	2400-2483.5 MHz	80
	Wi-Fi 1, 2	4900-5900 MHz	70
Peak Gain (dBi)	CELL 1, 2	698-703 MHz	1
	CELL 1, 2	703-960 MHz	5
	CELL 1, 2	1710-2200 MHz	7
	CELL 1, 2	2200-2700 MHz	7
	CELL 1, 2	3400-4000 MHz	6
	CELL 1, 2	5150-5925 MHz	10
	GPS	1575.42 MHz	6
	Wi-Fi 1, 2	2400-2483.5 MHz	5
	Wi-Fi 1, 2	4900-5900 MHz	8

<b>Return Loss 50Ω (dB)</b>	CELL 1, 2	698-703 MHz	5.5
	CELL 1, 2	703-894 MHz	6
	CELL 1, 2	1710-2200 MHz	9.5
	CELL 1, 2	2200-2700 MHz	7
	CELL 1, 2	3400-4000 MHz	4
	CELL 1, 2	5150-5925 MHz	7
	GPS	1575.42 MHz	12
	Wi-Fi 1, 2	2400-2483.5 MHz	11
	Wi-Fi 1, 2	4900-5900 MHz	9
<b>Isolation (dB)</b>	CELL	698-960 MHz	17
	CELL	1710-2700 MHz	23
	CELL	3400-4000 MHz	30
	CELL	5150-5925 MHz	30
	Wi-Fi	2400-2483.5 MHz	20
	Wi-Fi	4900-5900 MHz	25
<b>Polarization (dBi)</b>	CELL, Wi-Fi GPS		Linear RHCP
<b>Max Input Power (Watts)</b>	CELL, Wi-Fi		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		SMA(M) RPSMA(M)
<b>RF Cable Type</b>	CELL, Wi-Fi GPS		RG-316 LSR100
<ul style="list-style-type: none"> <li>Electrical specifications based on antenna mounted in the lid of the plastic enclosure.</li> <li>Isolation and return loss include cable loss from 1.5 ft long cables supplied.</li> <li>Antenna patterns, peak gain, and efficiency do not include cable loss.</li> </ul> <p><b>*Battery, router, and SIM Card are not included.</b> 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.</p> <p>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.</p>			

## Part Number Key

Part number example of a 6:1 Beagle antenna: PRO6B2L3WG

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of Antennas in Housing/Configuration	6:1	PRO6
Antenna Abbreviation for Beagle	B	PRO6B
Number of CELL Elements	#L	PRO6B2L
Number of Wi-Fi Elements	#W	PRO6B2L3W
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO6B2L3WG
Optional G version – Includes the options listed	-G	PRO6B2L3WG-G
Optional L version – Includes the options listed	-L	PRO6B2L3WG-L
Optional A version – Includes the options listed	-A	PRO6B2L3WG-A

## Ordering

Configs.	Part Number	Description
5:1	PRO5B2L2WG	2 Cellular, 2 Wi-Fi, GPS, Protective Case with Antenna Built into Lid
	PRO5B2L2WG-G	2 Cellular, 2 Wi-Fi, GPS, Protective Case with Antenna Built into Lid with ChargeTech Battery Option ( <b>battery not included</b> ) (see antenna options for description)
	PRO5B2L2WG-L	2 Cellular, 2 Wi-Fi, GPS, Protective Case with Antenna Built into Lid with AC Adapter (see antenna options for description)
	PRO5B2L2WG-A	2 Cellular, 2 Wi-Fi, GPS, Protective Case with Antenna Built into Lid with AC Adapter (see antenna options for description)
6:1	PRO6B2L3WG	2 Cellular, 3 Wi-Fi, GPS, Protective Case with Antenna Built into Lid
	PRO6B2L3WG-G	2 Cellular, 3 Wi-Fi, GPS, Protective Case with Antenna Built into Lid with ChargeTech Battery Option ( <b>battery not included</b> ) (see antenna options for description)
	PRO6B2L3WG-L	2 Cellular, 3 Wi-Fi, GPS, Protective Case with Antenna Built into Lid with AC Adapter (see antenna options for description)
	PRO6B2L3WG-A	2 Cellular, 3 Wi-Fi, GPS, Protective Case with Antenna Built into Lid with AC Adapter (see antenna options for description)

## Antenna Options

Description	PRO5B2L2WG Or PRO6B2L3WG	-G Version	-L Version	-A Version
Antenna	YES	YES	YES	YES
Fan	NO	YES	NO	NO
AC Adapter	NO	NO	YES	YES
Barrel Connector	NO	YES	NO	NO
1x USB Adapter	NO	YES	NO	NO
2x RJ-45 Connectors	NO	YES	YES	NO
Top Cover	NO	YES	YES	YES
Battery Tray	NO	YES	NO	NO
Battery: ChargeTech 27K 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 Case Series.				

## Additional Hardware Accessories

Accessory	Part Number
RJ-45 Adapter	PTA04I5
USB-A Panel Mount	PTA0448
HDMI Port	PTA0683
DC Barrel	PTA0447B
IEC to NEMA 5-15R Adapter Kit	PTA0770
Top Cover Plate Mounting Screws	PTA0071B
40mm Fan Replacement Kit (Includes Screws and Nuts)	PTA0764
40mm Fan and Vent Kit	PTA0477
SMA Wrench, Key Chain	PTA0194
Service: Router Installation	PTA-Install-100



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