



Ideal for

- *FirstNet*
- *Remote Video Monitoring*
- *Mobile Broadband*
- *Fleet Management*
- *Mobile Communications Hotspot*

Beagle

Emergency Mobile Hot Spot

Up to 6 in 1



- *5G*
- *WI-FI 6*
- *2X2 MIMO LTE*
- *2X2 MIMO WI-FI*
- *GPS/GNSS*

Features

- *PORTABLE CASE*
- *IP67 WATERPROOF*
- *698MHz-5925MHz**
- *HIGH EFFICIENCY*
- *HIGH PERFORMANCE*

*Image is part number:PRO5B2L2WG-G

Product Description

Parsec's Beagle Series is a low profile MIMO LTE, MIMO Wi-Fi, and GNSS external waterproof antenna*. This rugged low-profile omni-directional antenna works on most of the common North American LTE bands with high efficiency. The Beagle is optimized for LTE isolation.

*IP67 rated on specific configurations

Detailed product information and options are available under NDA. Patent pending.



Operation Time

- Chargatech 27k Battery: 15 – 18hrs



Frequency Ranges

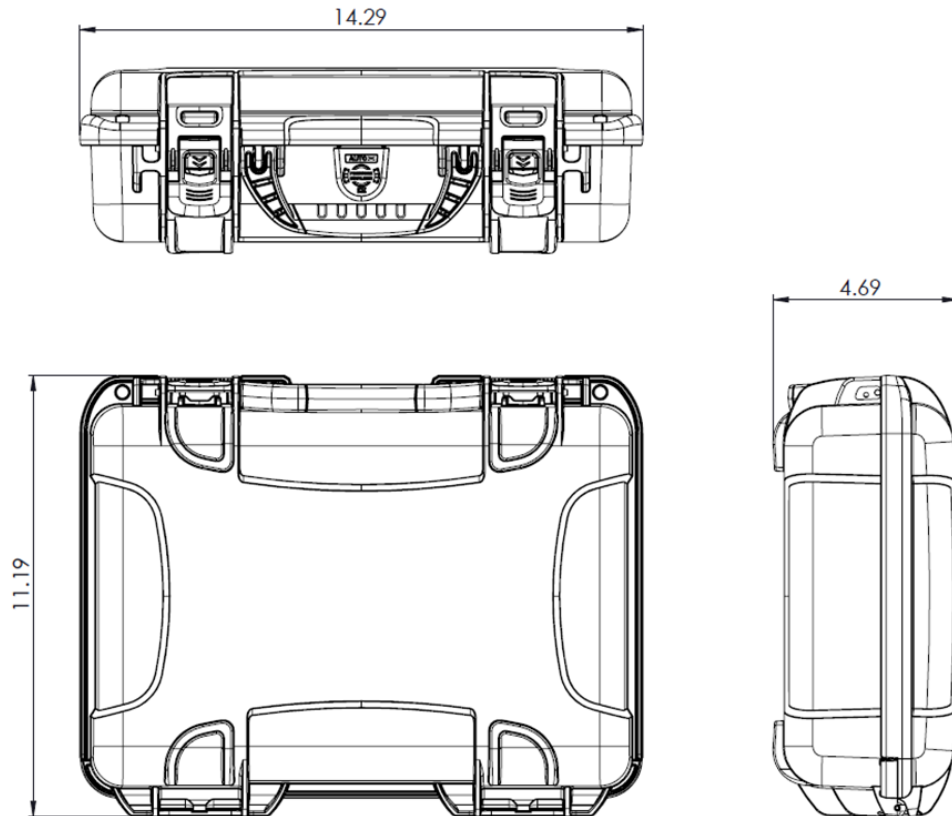
5G/4G/LTE Frequency Range Wi-Fi Frequency Range

- 698 – 960 MHz
- 1710 – 2700 MHz
- 3400 – 4000 MHz
- 5150 – 5925 MHz
- 2400 – 2483.5 MHz
- 4900 – 5900 MHz

Specifications

5G*/4G/LTE Bands (US Carriers)	
AT&T	2, 4, 5*, 12, 14, 17, 29, 30, 46, 48, 66, 77*
Verizon	2*, 4, 5*, 13, 46, 48, 66*, 77*
T-Mobile	2, 4, 12, 25, 26, 41*, 46, 48, 66, 71*, 77*
Mechanical	
Dimensions (LxWxH)	14.3" x 11.1" x 4.7"
Internal Dimensions (LxWxH)	13.2" x 9.2" x 4.1"
Lock Hole Diameter	0.35 INCH
RF Cable Length	15 inch pigtails
Environmental	
Operating Temperature	-40°C to 85°C
Ingress Protection	IP67 waterproof when closed

Product Dimensions

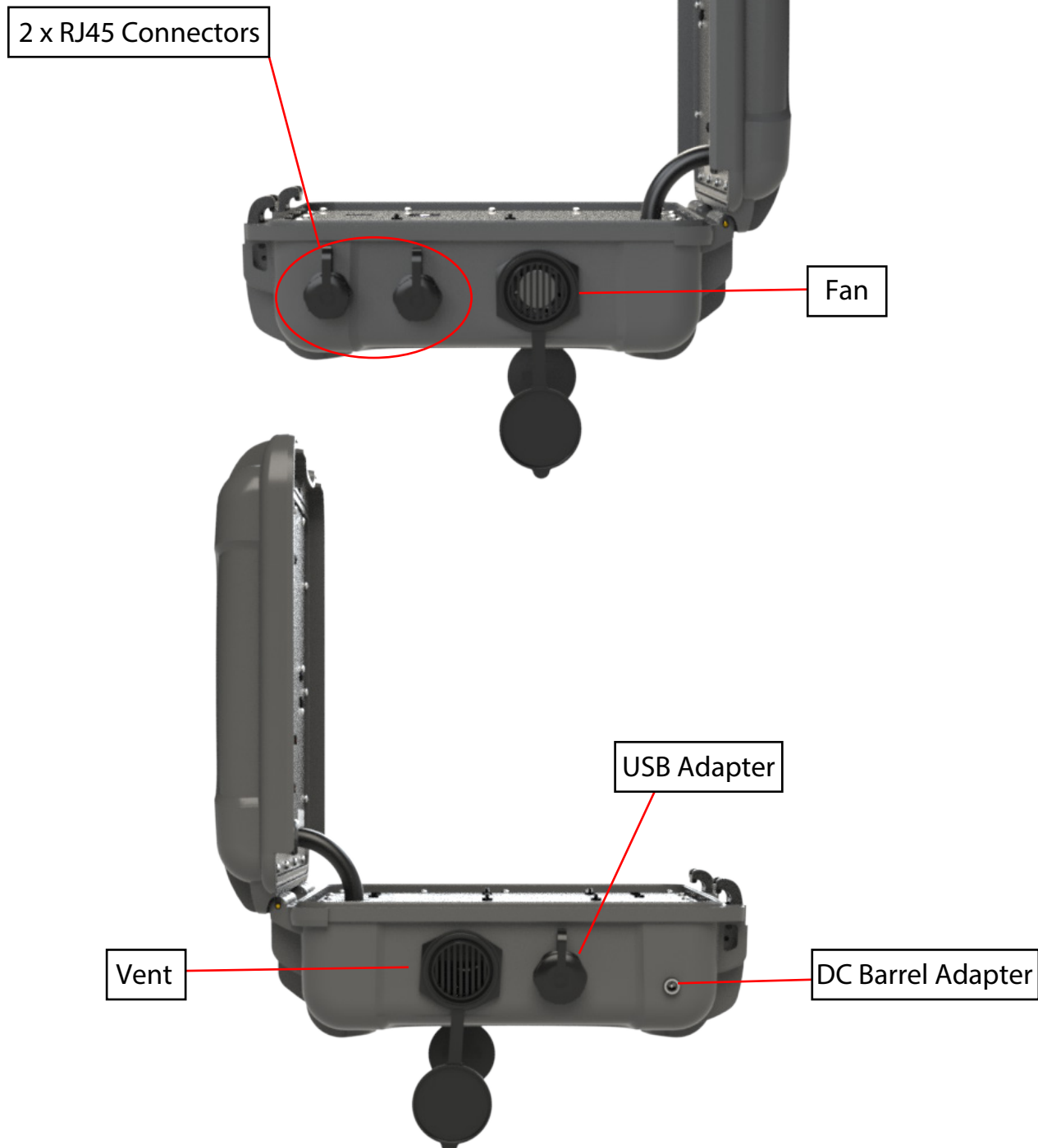


Product Images



Product Images (continued)

PRO5B2L2WG-G



Product Images (continued)

PRO5B2L2WG-G



Electrical Specifications

ID	Port	Parameters	Units	Typ.
Radiated Efficiency	LTE-1,2	698 – 703 MHz		50
	LTE-1,2	703 – 960 MHz		60
	LTE-1,2	1710 – 2200 MHz		80
	LTE-1,2	2200 – 2700 MHz		70
	LTE-1,2	3400 – 4000 MHz	%	50
	LTE-1,2	5150 – 5925 MHz		50
	GPS	1575.42 MHz		80
	WiFi-1,2	2400 – 2483.5 MHz		80
	WiFi-1,2	4900 – 5900 MHz		70
Peak Gain	LTE-1,2	698 – 703 MHz		1
	LTE-1,2	703 – 960 MHz		5
	LTE-1,2	1710 – 2200 MHz		7
	LTE-1,2	2200 – 2700 MHz		7
	LTE-1,2	3400 – 4000 MHz	dBi	6
	LTE-1,2	5150 – 5925 MHz		10
	GPS	1575.42 MHz		6
	WiFi-1,2	2400 – 2483.5 MHz		5
	WiFi-1,2	4900 – 5900 MHz		8
Return Loss (50 Ω)	LTE-1,2	698 – 703 MHz		5.5
	LTE-1,2	703 – 894 MHz		6
	LTE-1,2	1710 – 2200 MHz		9.5
	LTE-1,2	2200 – 2700 MHz		7
	LTE-1,2	3400 – 4000 MHz	dB	4
	LTE-1,2	5150 – 5925 MHz		7
	GPS	1575.42 MHz		12
	WiFi-1,2	2400 – 2483.5 MHz		11
	WiFi-1,2	4900 – 5900 MHz		9
Isolation	LTE	698 – 960 MHz		17
	LTE	1710 – 2700 MHz		23
	LTE	3400 – 4000 MHz	dB	30
	LTE	5150 – 5925 MHz		30
	WiFi	2400 – 2483.5 MHz		20
	WiFi	4900 – 5900 MHz		25
Polarization	LTE, WiFi GPS		dB	Linear RHCP
Max Input Power	LTE, WiFi		Watts	5
GNSS Preamp Gain	GPS		dB	28
GNSS Preamp Voltage	GPS		V	2.2 to 5.0
RF Connectors	LTE, GPS WiFi			SMA(M) RP-SMA
RF Cable Type	LTE, WiFi GPS			RG-316 LSR100
Notes: <ol style="list-style-type: none"> 1. Electrical specifications based on antenna mounted in the lid of the plastic enclosure. 2. Isolation and return loss include cable loss from 11-inch-long cables supplied. 				

Notes: *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.

SMA connectors have a max torque of 3–5in lbs.

For more information on the case, please visit: <https://nanuk.com/products/nanuk-910>



Battery Options (NOT INCLUDED)

ChargeTech Portable Power Outlet 27K 3.0 (G version)

The ChargeTech 27000mAh capacity battery has a standard outlet and is compatible with any device that requires 85 watts or less though a standard wall plug. The ChargeTech can power an IBR900 router and a fan for 15 to 18 hours. It comes with a power button which turns off the battery when held for 3 seconds. The battery is rechargeable using a DC charger rated 19.5 to 24V DC.

Ordering

Configurations	Part Number	Description
5:1	PRO5B2L2WG	2 LTE, 2 Wi-Fi, GPS, protective case with antenna built into lid
5:1	PRO5B2L2WG-G	2 LTE, 2 Wi-Fi, GPS, protective case with antenna built into lid with ChargeTech Battery Option (Battery Not Included) (see antenna options for description).
5:1	PRO5B2L2WG-L	2 LTE, 2 Wi-Fi, GPS, protective case with antenna built into lid with AC adapter (see antenna options for description).
5:1	PRO5B2L2WG-A	2 LTE, 2 WiFi, GPS, protective case with antenna built into lid with AC adapter (see antenna options for description).
6:1	PRO6B2L3WG	2 LTE, 3 Wi-Fi, GPS, protective case with antenna built into lid
6:1	PRO6B2L3WG-G	2 LTE, 3 Wi-Fi, GPS, protective case with antenna built into lid with ChargeTech Battery Option (Battery Not Included) (see antenna options for description).
6:1	PRO6B2L3WG-L	2 LTE, 3 Wi-Fi, GPS, protective case with antenna built into lid with AC adapter (see antenna options for description).
6:1	PRO6B2L3WG-A	2 LTE, 3 Wi-Fi, GPS, protective case with antenna built into lid with AC adapter (see antenna options for description).

Part Number Key

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of antennas in housing/configuration	5:1	PRO5
Antenna abbreviation for Beagle	B	PRO5B
Number of LTE Elements	#L	PRO5B2L
Number of WiFi Elements	#W	PRO5B2L2W
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO5B2L2WG
Optional G version – Includes the options listed	-G	PRO5B2L2WG-G
Optional L version – Includes the options listed	-L	PRO5B2L2WG
Optional A version – Includes the options listed	-A	PRO5B2L2WG-A

Part number example of a 5:1 Beagle Antenna PRO5B2L2WG

Antenna Options

Description	PRO5B2L2WG OR PRO6B2L3WG	PRO5B2L2WG-G OR PRO6B2L3WG-G	PRO5B2L2WG-L OR PRO6B2L3WG-L	PRO5B2L2WG-A OR PRO6B2L3WG-A
Antenna	YES	YES	YES	YES
FAN	NO	YES	NO	NO
A/C 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
Chargetech Battery	NO	YES	NO	NO
<i>Note: Battery not included with Antenna. Must be purchased separately.</i>				

Accessories

PRO5B2L2WG-G & PRO6B2L3WG-G

Provided by Parsec	Ethernet Cords (2)
To Be Purchased By The Customer	<ul style="list-style-type: none"> -Additional ethernet cords (2) -Router and power supply for router -SIM card -Chargetech Portable Outlet 27k Battery**

PRO5B2L2WG-L & PRO6B2L3WG-L

Provided by Parsec	Ethernet Cords (2), Extension Cord
To Be Purchased By The Customer	<ul style="list-style-type: none"> -Additional ethernet cords (2) -Router and power supply for router -SIM card -Power cord for case, 10A, 125V AC, straight blade male plug x straight blade female socket*

PRO5B2L2WG-A & PRO6B2L3WG-A

To Be Purchased By The Customer	<ul style="list-style-type: none"> -Router and power supply for router -SIM card -Power cord for case, 10A, 125V AC, straight blade male plug x straight blade female socket*
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*Power cord for case:



-Battery:



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