



The Newfoundland Emergency Hot Spot Case is our largest 13:1 5G antenna with up to 2 sets of 4X4 MIMO cellular, 4X4 MIMO Wi-Fi and GPS. With simultaneous operation of dual SIMs and high efficiency across the 5G spectrum, the Newfoundland is ideal for emergency response users needing high-capacity throughput. Our only case with a large storage space in an industry strength 3.5 mm thick plastic housing.

This rugged IP67 rated design has a shock resistant case to protect high performing antenna elements from harsh working environments often seen in critical communications.

Patented.



1st
to 5G

Configurations 5:1 | 9:1 | 13:1



Emergency Communications & Operations | Live Video Streaming | Failover Network

Portable

Airline Checkable Wheeled Case

High Data Speeds

Ideal for Remote Video Monitoring

Rugged

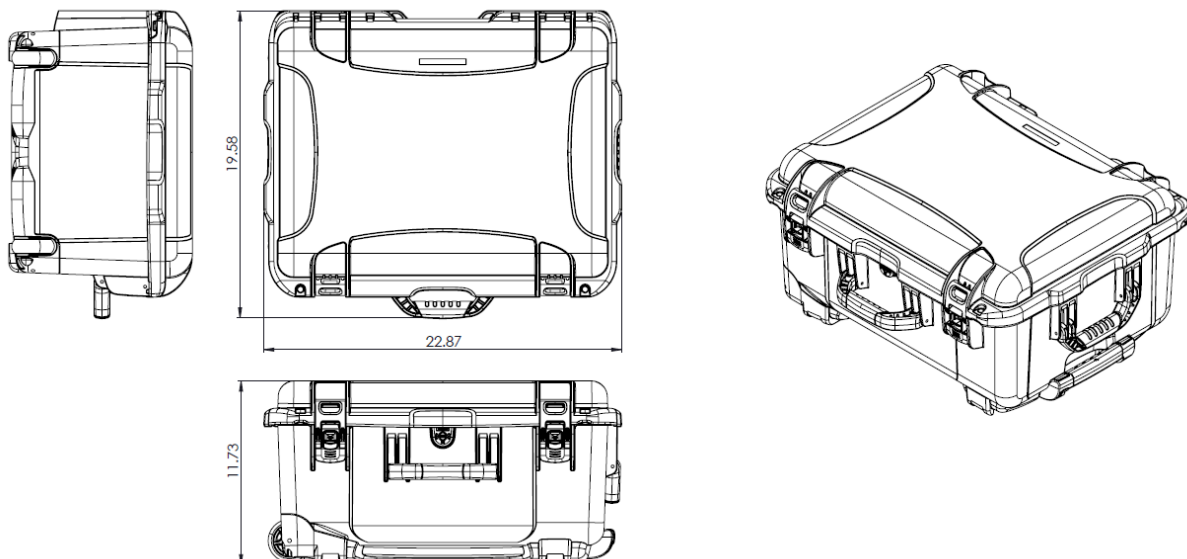
Waterproof (IPX7), Dustproof (IP6X) & MIL-SPEC Certified Case

- UP TO 8X8 MIMO CELLULAR
- UP TO 4X4 MIMO WI-FI
- GPS
- 600 – 6000 MHz
- 22.87 in X 19.58 in X 11.73in
- OMNI-DIRECTIONAL
- Wi-Fi 6 Compatible

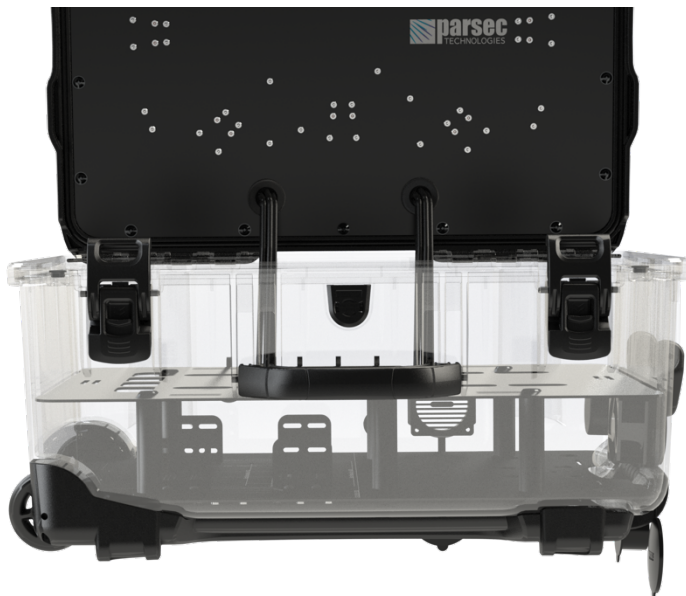
Specifications

Frequencies			
4G/5G Cellular	617-894 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, 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	22.87 inch X 19.58 inch X 11.73 inch	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
RF Cable Length	2 ft Cable	Ingress Protection	IP67 *when closed. IP54 for -L Version *when all ports and lid are closed
Max Router Configuration	8 Cellular, 4 Wi-Fi, GPS	Max Router Dimensions	11" x 11" x 3"
- Temperature range is for antenna only. Equipment installed inside the enclosure may have a different temperature range. *Openings in the enclosure for options like fans and power cord may reduce ingress protection even with covers installed.			

Dimensions



Product Image



Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1 thru 8	617-698 MHz	75
	CELL 1 thru 8	698-894 MHz	85
	CELL 1 thru 8	1695-2700 MHz	85
	CELL 1 thru 8	3400-3800 MHz	75
	CELL 1 thru 8	5150-5925 MHz	60
	GPS	1575.42 MHz	80
	Wi-Fi 1 thru 4	2400-2483.5 MHz	80
	Wi-Fi 1 thru 4	4900-5900 MHz	70
Peak Gain (dBi)	CELL 1 thru 8	617-894 MHz	5
	CELL 1 thru 8	698-894 MHz	6
	CELL 1 thru 8	1695-2700 MHz	6
	CELL 1 thru 8	3400-3800 MHz	8
	CELL 1 thru 8	5150-5925 MHz	6
	GPS	1575.42 MHz	6
	Wi-Fi 1 thru 4	2400-2483.5 MHz	5
	Wi-Fi 1 thru 4	4900-5900 MHz	7
Return Loss 50Ω (dB)	CELL 1 thru 8	617-894 MHz	7.5
	CELL 1 thru 8	698-894 MHz	11
	CELL 1 thru 8	1695-2700 MHz	11
	CELL 1 thru 8	3400-3800 MHz	9.5
	CELL 1 thru 8	5150-5925 MHz	6.5
	GPS	1575.42 MHz	12
	Wi-Fi 1 thru 4	2400-2483.5 MHz	15
	Wi-Fi 1 thru 4	4900-5900 MHz	9
Isolation (dB)	CELL	617-894 MHz	13
	CELL	698-894 MHz	13
	CELL	1695-2700 MHz	18
	CELL	3400-3800 MHz	22
	CELL	5150-5925 MHz	27
	Wi-Fi	2400-2483.5 MHz	30
	Wi-Fi	4900-5900 MHz	35
Polarization	CELL, Wi-Fi GPS		Linear RHCP
Max Input Power (Watts)	CELL, Wi-Fi		10
GNSS Preamplifier Gain (dB)	GPS		28
GNSS Preamplifier Voltage (V)	GPS		2.2 to 5.0
RF Connectors	CELL, GPS Wi-Fi		SMA(M) RPSMA(M)
RF Cable Type	CELL, Wi-Fi GPS		LSR200 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.

Part Number Key

Part number example of a 13:1 Newfoundland Series: PRO13N8L4WG

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of antennas in housing/configuration	13:1	PRO13
Antenna abbreviation for Newfoundland Series	N	PRO13N
Number of CELL Elements	#L	PRO13N8L
Number of Wi-Fi Elements	#W	PRO13N8L4W
Number of GPS Elements	#G	PRO13N8L4WG
Optional L Version - Includes the options listed	-L	PRO13N8L4WG-L
Custom case colors and connectors are available. For more information contact sales@parsec-t.com .		

Ordering

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

Config.	Part Number	Description
5:1	PRO5N4LG	4 Cellular, GPS, Black Case with Antenna Build into Lid
9:1	PRO9N4L4WG	4 Cellular, 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid
13:1	PRO13N8L4WG	8 Cellular, 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid
	PRO13N8L4WG-L	8 Cellular, 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with AC Adapter and Optional Battery Straps (see antenna options for description)

Additional Hardware Accessories

Accessory	Part Number
RJ-45 Adapter	PTA0415
RJ-45 Adapter, 1.25" Diameter	PTA0415-2
USB-A Panel Mount	PTA0448
HDMI Port	PTA0683
AC Adapter with 16" Cord Kit	PTA0771
Top Cover Plate Mounting Screws	PTA0351
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

Antenna Options

Description	PRO13N8L4WG	-L Version
Antenna	YES	YES
Fan and Vent	NO	YES
AC Adapter	NO	YES
Barrel Connector	NO	NO
1x USB-A Connector	NO	YES
4x RJ-45 Connectors	NO	YES
Router Mount Plate	NO	YES
Top Cover	NO	YES



Parsec Antennas

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