



The Chinook Lite PRO Series antenna is a 5G, 4X4 MIMO cellular, omni-directional antenna. This next generation antenna focuses on C-band within the 600 MHz to 6 GHz, 5G range. The difference between our best seller, the Akita Lite, and its kennel mate, the Chinook Lite, is an additional antenna element to make the C-band frequency reach further distance to achieve higher gain. The Chinook Lite is the same exact antenna as the Chinook but now with ultra-low loss, lightweight and more flexible LSR200 cables for a more cost-effective network solution and easy installation.

This PRO series IP54 antenna is ideal for indoor and outdoor C-Band applications for enterprise networks investing in high-capacity throughput and high data speeds. Also performing at high efficiency for campus, enterprise, retail, and warehouse applications.

Patent Pending



1st to 5G

Configurations 4:1 | 5:1

Primary & Failover Network | C-Band | IoT Applications



### *Future Proof*

Network Upgrade for 5G & C-Band

### *High Data Speeds*

C-Band Design with High Gain

### *Durable*

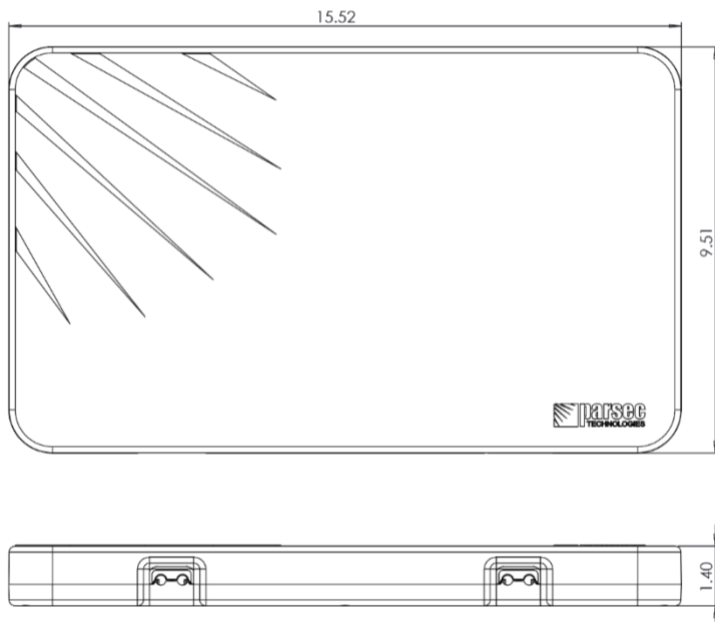
IP54 Rated & High Wind Resistance

- 4X4 MIMO CELLULAR
- OMNI-DIRECTIONAL
- 600-6000 MHz
- OPTIONAL GPS
- C-BAND
- 15.5 in X 9.5 in X 1.4 in

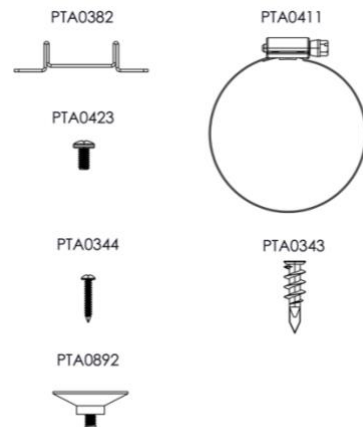
# Specifications

<b>Frequencies</b>			
<b>4G/5G Cellular</b>		617 -894 MHz 1710-2200 MHz 2200-2700 MHz 5150-5925 MHz	
<b>4G/5G Bands</b>			
<b>North America</b>	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		
<b>EMEA</b>	B1, B3, B7, B20, B28, B42, B43, B46 n1, n3, n8, n28, n77, n78		
<b>Mechanical</b>		<b>Environmental</b>	
<b>Dimensions</b>	15.5 inch X 9.5 inch X 1.4 inch thickness excluding bracket	<b>Operating Temperature</b>	-30 °C to 85°C OR -22 °F to 180°F
<b>Mounting</b>	Bracket with screws to a non-metallic surface Pole mount for 2.5-3.5" inch mast diameter	<b>Ingress Protection</b>	IP54 Outdoor
<b>RF Cable Length</b>	Choice of 1 or 15 ft cables		
<ul style="list-style-type: none"> <li>• Pole mount consists of two worm drive clamps and related hardware.</li> <li>• Optional 50 ft LSR200 cable kits are available.</li> </ul>			

## Dimensions



### Hardware Accessories Included



## Product Images



## Electrical Specifications

<i>ID &amp; Unit</i>	<i>Port</i>	<i>Parameters</i>	<i>Typ.</i>
<b>Radiated Efficiency (%)</b>	CELL 1 thru 4	617-894 MHz	70
	CELL 1 thru 4	1710-2200MHz	75
	CELL 1 thru 4	2200-2700 MHz	60
	CELL 1 thru 4	3400-4000 MHz	75
	CELL 1 thru 4	5150-5925 MHz	50
<b>Peak Gain (dBi)</b>	CELL 1 thru 4	617-894 MHz	2
	CELL 1 thru 4	1710-2200MHz	4
	CELL 1 thru 4	2200-2700 MHz	4
	CELL 1 thru 4	3400-4000 MHz	5
	CELL 1 thru 4	5150-5925 MHz	5
<b>Return Loss 50Ω (dB)</b>	CELL 1 thru 4	617-894 MHz	5
	CELL 1 thru 4	1710-2200MHz	9
	CELL 1 thru 4	2200-2700 MHz	6
	CELL 1 thru 4	3400-4000 MHz	6
	CELL 1 thru 4	5150-5925 MHz	5

<b>Isolation</b>	CELL 1, 2	617-894 MHz	15
	CELL 1, 2	1710-2200MHz	24
	CELL 1, 2	2200-2700 MHz	35
	CELL 1, 2	3400-4000 MHz	30
	CELL 1, 2	5150-5925 MHz	40
	CELL Adjacent	617-894 MHz	8
	CELL Adjacent	1710-2200MHz	7
	CELL Adjacent	2200-2700 MHz	9
	CELL Adjacent	3400-4000 MHz	12
	CELL Adjacent	5150-5925 MHz	17
<b>Polarization (dBi)</b>	CELL		Linear
<b>Max Input Power (Watts)</b>	CELL		10
<b>RF Connectors</b>	CELL		SMA(M) N(F)
<b>RF Cable Type</b>	CELL		LSR200
<ul style="list-style-type: none"> <li>Return loss, isolation, and peak gain do not include cable loss.</li> <li>Performance will be degraded if the antenna is mounted close to wiring or metal wall studs.</li> <li>SMA connectors have a max torque of 3-5 inch lbs.</li> <li>NF connectors have a max torque of 6.2-9.7 inch lbs.</li> <li>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.</li> </ul>			

## Part Number Key

Part number example of a 5:1 Chinook Lite antenna, white: PRO5CHL4LG15W

<i>Description</i>	<i>Abbreviation</i>	<i>Part Number</i>
All PRO Series	PRO	PRO
Number of Antennas in Housing/Configuration	5:1	PRO5
Antenna Abbreviation for Chinook Lite	CHL	PRO5CHL
Number of CELL Elements	#L	PRO5CHL4L
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO5CHL4LG
Cable Length Measured in Feet: 01=1', 15=15'	01, 15, etc.,	PRO5CHL4LG15
Radome Color - W for White	W	PRO5CHL4LG15W
If SMA Connector, Simply Leave Blank		PRO5CHL4LG15W
<i>Additional Options</i>		
N Type Female Connector	-NF	PRO5CHL4LG01W-NF
Custom connectors and cable kits are available. Please contact us for more information at <a href="mailto:sales@parsec-t.com">sales@parsec-t.com</a> .		

## Ordering

### Standard Antennas

<i>Configurations</i>	<i>Part Number</i>	<i>Description</i>
4:1	PRO4CHL4L15W	4 Cellular, 15 ft Cable, White

### Non-Standard Antennas

<i>Configurations</i>	<i>Part Number</i>	<i>Description</i>
4:1	PRO4CHL4L01W	4 Cellular, 1 ft Cable, White
	PRO4CHL4L01W-NF	4 Cellular, 1 ft Cable, White, N Type Female
5:1	PRO5CHL4LG01W	4 Cellular, GPS, 1 ft Cable, White
	PRO5CHL4LG01W-NF	4 Cellular, GPS, 1 ft Cable, White, N Type Female
	PRO5CHL4LG15W	4 Cellular, GPS, 15 ft Cable, White

### Additional Hardware Accessories

<i>Accessory</i>	<i>Part Number</i>
Additional Pole Mount Kit	PTA0532
Additional Wall Mount Kit	PTA0459
Suction Cup Mount Kit (Includes 4 Suction Cups)	PTA0893
Lightning Arrestor – SMA(F) to SMA(F)	PTA0476
Lightning Arrestor – N(F) to N(M)	PTA0736
SMA Wrench, Key Chain	PTA0194
Service: Cable Sleeving (Priced Per Ft)	Cable Sleeving



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