

The Chinook 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, and its kennel mate, the Chinook, is an additional antenna element to make the C-band frequency reach further distance to achieve higher gain.

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

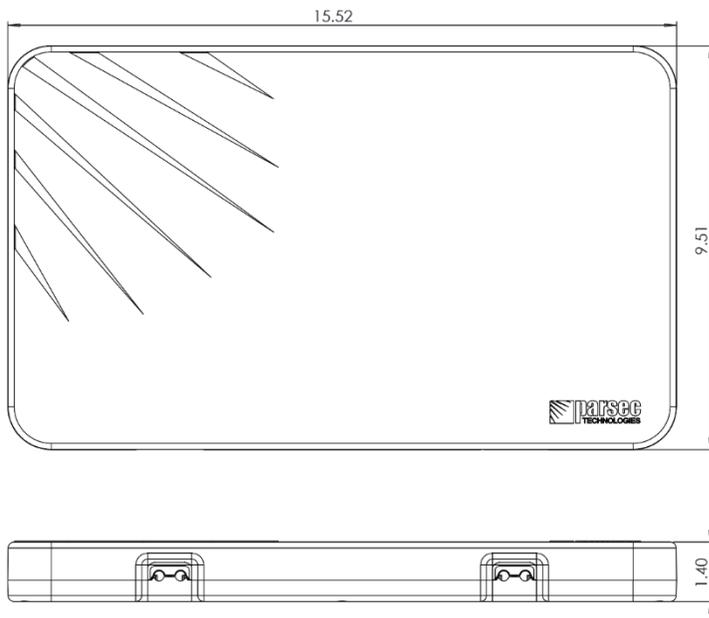
IP54 Rated & High Wind Resistance

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

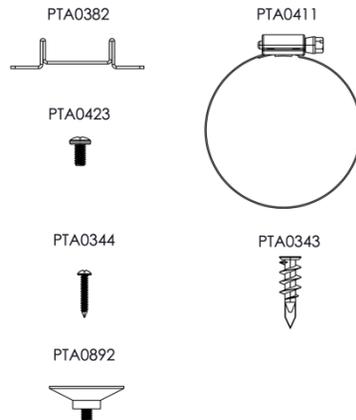
Specifications

Frequencies			
4G/5G Cellular		617 -894 MHz 1710-2200 MHz 2200-2700 MHz 5150-5925 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, n8, n28, n77, n78		
Mechanical		Environmental	
Dimensions	15.5 inch X 9.5 inch X 1.4 inch thickness excluding bracket	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Bracket with screws to a non-metallic surface Pole mount for 2.5-3.5" inch mast diameter	Ingress Protection	IP54 Outdoor
RF Cable Length	Choice of 1 or 15 ft cables		
<ul style="list-style-type: none"> Pole mount consists of two worm drive clamps and related hardware. Optional 50 ft LSR400 cable kits are available. 			

Dimensions



Hardware Accessories Included



Product Images



Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	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
Peak Gain (dBi)	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
Return Loss 50Ω (dB)	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

Isolation	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
Polarization (dBi)	CELL		Linear
Max Input Power (Watts)	CELL		10
RF Connectors	CELL		SMA(M) N(F)
RF Cable Type	CELL		LSR240
<ul style="list-style-type: none"> Return loss, isolation, and peak gain do not include cable loss. Performance will be degraded if the antenna is mounted close to wiring or metal wall studs. SMA connectors have a max torque of 3-5 inch lbs. NF connectors have a max torque of 6.2-9.7 inch lbs. 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 5:1 Chinook antenna, white: PRO5CH4LG15W

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of Antennas in Housing/Configuration	5:1	PRO5
Antenna Abbreviation for Chinook	CH	PRO5CH
Number of CELL Elements	#L	PRO5CH4L
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO5CH4LG
Cable Length Measured in Feet: 01=1', 15=15'	01, 15, etc.,	PRO5CH4LG15
Radome Color - W for White	W	PRO5CH4LG15W
If SMA Connector, Simply Leave Blank		PRO5CH4LG15W
Additional Options		
N Type Female Connector	-NF	PRO5CH4LG01W-NF
Custom connectors and cable kits are available. Please contact us for more information at sales@parsec-t.com .		

Ordering

Standard Antennas

Configurations	Part Number	Description
4:1	PRO4CH4L15W	4 Cellular, 15 ft Cable, White

Non-Standard Antennas

Configurations	Part Number	Description
4:1	PRO4CH4L01W	4 Cellular, 1 ft Cable, White
	PRO4CH4L01W-NF	4 Cellular, 1 ft Cable, White, N Type Female
5:1	PRO5CH4LG01W	4 Cellular, GPS, 1 ft Cable, White
	PRO5CH4LG01W-NF	4 Cellular, GPS, 1 ft Cable, White, N Type Female
	PRO5CH4LG15W	4 Cellular, GPS, 15 ft Cable, White

Additional Hardware Accessories

Accessory	Part Number
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



Parsec Antennas
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