



The Akita PRO series antenna is a 5G, 4X4 MIMO cellular, omni-directional antenna with optional GPS. The Akita is designed for high performance of 600 MHz to 6 GHz and C-Band frequencies for IoT and enterprise network solutions.

This PRO series, IP54 rated antenna can be mounted indoor, outdoor, pole mounted, or wall mounted to perform at high efficiency for retail, warehouse, office, RVs, and residential homes.

Patent Pending



Configurations 4:1 | 5:1

Primary & Failover | Video Streaming | Remote Monitoring

Future Proof

Network Upgrade for 5G & C-Band

High Data Speeds

C-Band Design with High Gain

Durable

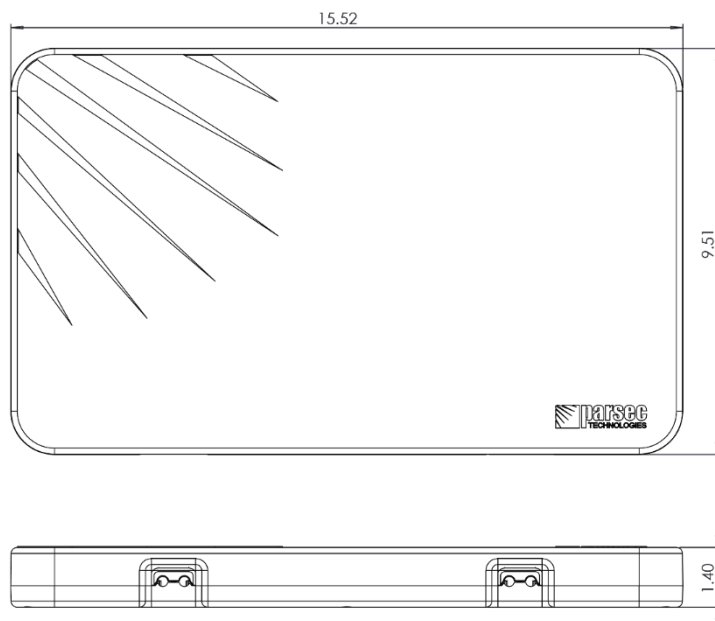
IP54 Rated & High Wind Resistance

- 4X4 MIMO CELLULAR
- C-BAND
- WALL, POLE, OR PANEL MOUNT
- OMNI-DIRECTIONAL
- 600 MHz – 6 GHz
- 15.5 in X 9.5 in X 1.4 in

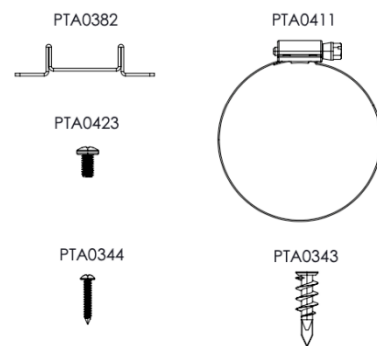
Specifications

Frequencies			
4G/5G Cellular		617-663 MHz 663-930 MHz 930-1427 MHz 1427-1915 MHz 1915-6000 MHz	
4G/5G Bands			
North America	B2, B4, B5, B7, B12, B14, B17, B24, B25, B26, B29, B30, B41, B46, B48, B66, B71 n2, n5, n12, n25, n26, n41, n48, n66, n71, n77		
EMEA	B1, B3, B7, B8, B20, B28, B32, 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	617-663 MHz	70
	CELL 1 thru 4	663-930 MHz	80
	CELL 1 thru 4	930-1427 MHz	70
	CELL 1 thru 4	1427-1915 MHz	85
	CELL 1 thru 4	1915-6000 MHz	70
	GPS	1575.42 MHz	80
Peak Gain (dBi)	CELL 1 thru 4	617-663 MHz	3
	CELL 1 thru 4	663-930 MHz	4
	CELL 1 thru 4	930-1427 MHz	2
	CELL 1 thru 4	1427-1915 MHz	5
	CELL 1 thru 4	1915-6000 MHz	5
Return Loss 50Ω (dB)	CELL 1 thru 4	617-663 MHz	10
	CELL 1 thru 4	663-930 MHz	7
	CELL 1 thru 4	930-1427 MHz	10
	CELL 1 thru 4	1427-1915 MHz	7
	CELL 1 thru 4	1915-6000 MHz	6
	GPS	1575.42 MHz	12

Isolation (dB)	CELL 1, 2	617-663 MHz	15
	CELL 1, 2	663-930 MHz	20
	CELL 1, 2	930-1427 MHz	19
	CELL 1, 2	1427-1915 MHz	18
	CELL 1, 2	1915-6000 MHz	20
	CELL Adjacent	617-663 MHz	10
	CELL Adjacent	663-930 MHz	11
	CELL Adjacent	930-1427 MHz	17
	CELL Adjacent	1427-1915 MHz	15
	CELL Adjacent	1915-6000 MHz	16
Polarization (dBi)	CELL		Linear
	GPS		RCHP
Max Input Power (Watts)	CELL		10
RF Connectors	CELL		SMA(M)
	GPS		SMA(M)
RF Cable Type	CELL		LSR240
	GPS		LSR100
<ul style="list-style-type: none"> Isolation, return loss, and peak gain does 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 4:1 Akita antenna, White: PRO4A4L15W

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of Antennas in Housing/Configuration	4:1	PRO4
Antenna Abbreviation for Akita	A	PRO4A
Number of CELL Elements	#L	PRO4A4L
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO4A4LG
Cable Length Measured in Feet: 01=1', 15=15'	01, 15, etc.,	PRO4A4LG15
Radome Color - W for White & B for Black	W	PRO4A4LG15W
SMA connector, simply leave blank		PRO4A4LG15W
Additional Options		
N Type Female Connector	-NF	PRO4A4LG15W-NF
Custom connectors and cable kits are available. Please contact us for more information at sales@parsec-t.com .		

Ordering

Standard Antennas

<i>Configurations</i>	<i>Part Number</i>	<i>Description</i>
4:1	PRO4A4L01W	4 Cellular, 1 ft Cable, White
	PRO4A4L01W-NF	4 Cellular, 1 ft Cable, White, N Type Female
	PRO4A4L15W	4 Cellular, 15 ft Cable, White

Non-Standard Antennas

<i>Configurations</i>	<i>Part Number</i>	<i>Description</i>
5:1	PRO5A4LG01W	4 Cellular, GPS, 1 ft Cable, White
	PRO5A4LG01W-NF	4 Cellular, GPS, 1 ft Cable, White, N Type Female
	PRO5A4LG15W	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	PTA0881
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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