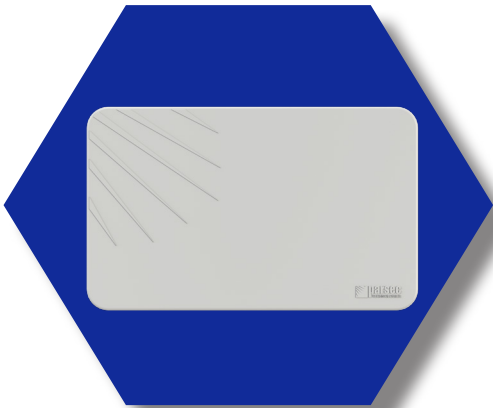




## *Ideal for*

- *Primary Internet*
- *Failover Network*
- *Video Streaming*
- *Remote Monitoring*

# ***Akita Series***



## *Features*

- *OMNI-DIRECTIONAL*
- *4x4 MIMO LTE*
- *HIGH EFFICIENCY*
- *617-6000 MHz*

## Product Description

Parsec's Akita Series antenna is a best in class compact wall mount, or pole mount 4X4 MIMO LTE antenna with optional GPS. This high performance omni-directional antenna works on bands 617 – 6000 MHz with high efficiency.

The Akita is optimized for attachment to a sheetrock wall in an office environment. It is ideally suited for indoor applications when you need high upload and download speeds.

**Patent pending.**



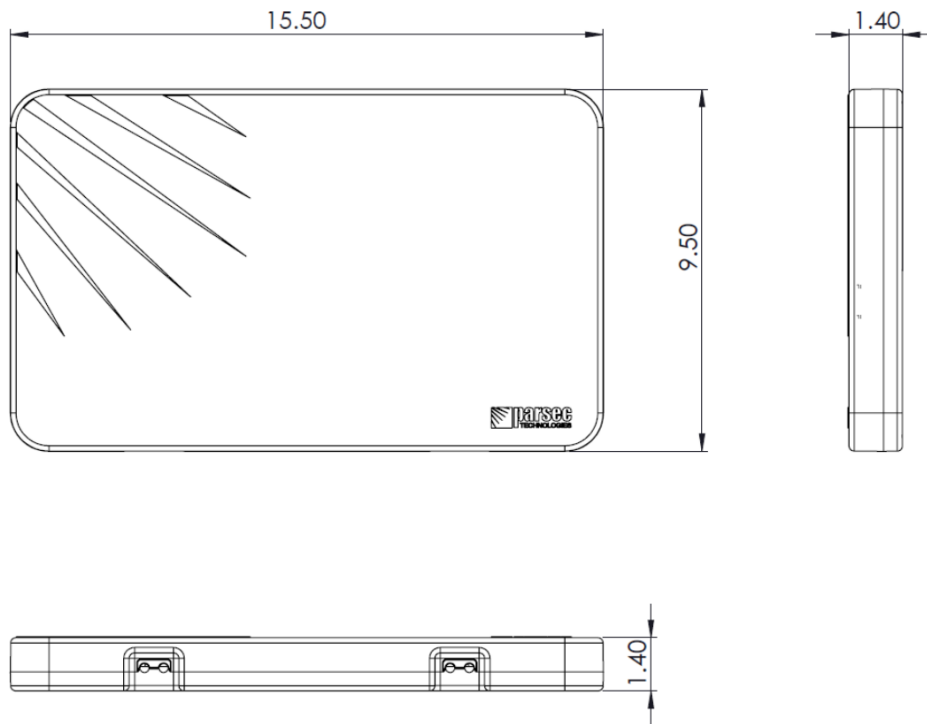
## LTE Frequency Ranges

617 – 894 MHz  
894 – 1427 MHz  
1427 – 2200 MHz  
2200 – 6000 MHz

## LTE Bands (US Carriers)

<b>AT&amp;T</b>	2, 4, 5, 12, 14, 29, 30, 48, 66
<b>Verizon</b>	2, 4, 5, 13, 48, 66
<b>T-Mobile</b>	2, 4, 12, 25, 26, 41, 48, 66, 71
<b>Sprint</b>	2, 4, 12, 25, 26, 29, 41, 48, 66, 70, 71
<b>Mechanical</b>	
<b>Dimensions</b>	15.5 inch width x 9.5 inch height x 1.4 inch thickness excluding bracket
<b>Mounting</b>	Bracket with screws to a non- metallic surface Pole mount for 1.25-2.25 inch mast diameter
<b>RF Cable Length</b>	Choice of 1, 2, or 6 foot cables
<b>Environmental</b>	
<b>Operating Temperature</b>	-40°C to 85°C
<b>Ingress Protection</b>	IP54 Outdoor

## Product Dimensions



## Electrical Specifications

### Electrical Specifications

ID	Port	Parameters	Units	Typ.
<b>Radiated Efficiency</b>	LTE -1,2,3,4	617-894 MHz	%	80
	LTE -1,2,3,4	894 - 1427 MHz		60
	LTE -1,2,3,4	1427 - 2200 MHz		80
	LTE -1,2,3,4	2200 - 6000 MHz		60
<b>Peak Gain</b>	LTE -1,2,3,4	617-894 MHz	dBi	4.5
	LTE -1,2,3,4	894 - 1427 MHz		4.5
	LTE -1,2,3,4	1427 - 2200 MHz		4.5
	LTE -1,2,3,4	2200 - 6000 MHz		6
<b>Return Loss (50 Ω)</b>	LTE -1,2,3,4	617-894 MHz	dB	10
	LTE -1,2,3,4	894 - 1427 MHz		6
	LTE -1,2,3,4	1427 - 2200 MHz		10
	LTE -1,2,3,4	2200 - 6000 MHz		6
<b>Isolation</b>	LTE -1,2,3,4	617-894 MHz	dB	10
	LTE -1,2	617-894 MHz		15
	LTE -1,2,3,4	894 - 1427 MHz		15
	LTE -1,2,3,4	1427 - 2200 MHz		15
	LTE -1,2,3,4	2200 - 6000 MHz		20
<b>Polarization</b>	LTE			Linear +/- 45 Deg.
<b>Max Input Power</b>			Watts	5
<b>RF Connector</b>	LTE	15ft. Cable		SMA (M)
	LTE	1ft. Pigtail		N (F)
	LTE	1ft. Pigtail		SMA (M)
<b>RF Cable Type</b>	LTE			LSR240

# Ordering

## Standard Antenna Part Numbers

Configurations	Part Number	Description
4:1	PRO4A4L01W	4 LTE, 1ft cable, White
	PRO4A4L01W-NF	4 LTE, 1ft cable, White, N type Female
	PRO4A4L15W	4 LTE, 15ft cable, White
5:1	PRO5A4LG01W	4 LTE, GPS, 1ft cable, White
	PRO5A4LG01W-NF	4 LTE, GPS, 1ft cable, White, N type Female
	PRO5A4LG15W	4 LTE, GPS, 15ft cable, White

*Notes:*

*N type connector is recommended for outdoor usage due to it being waterproof. N type is also best used for cable runs longer than 25ft due to it being a stronger connection.*



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