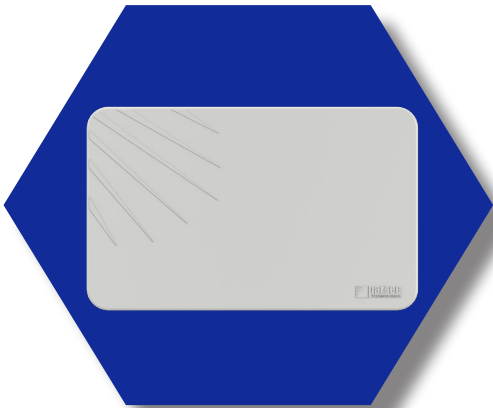




Ideal for

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

Akita Series



Features

- *5G*
- *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.



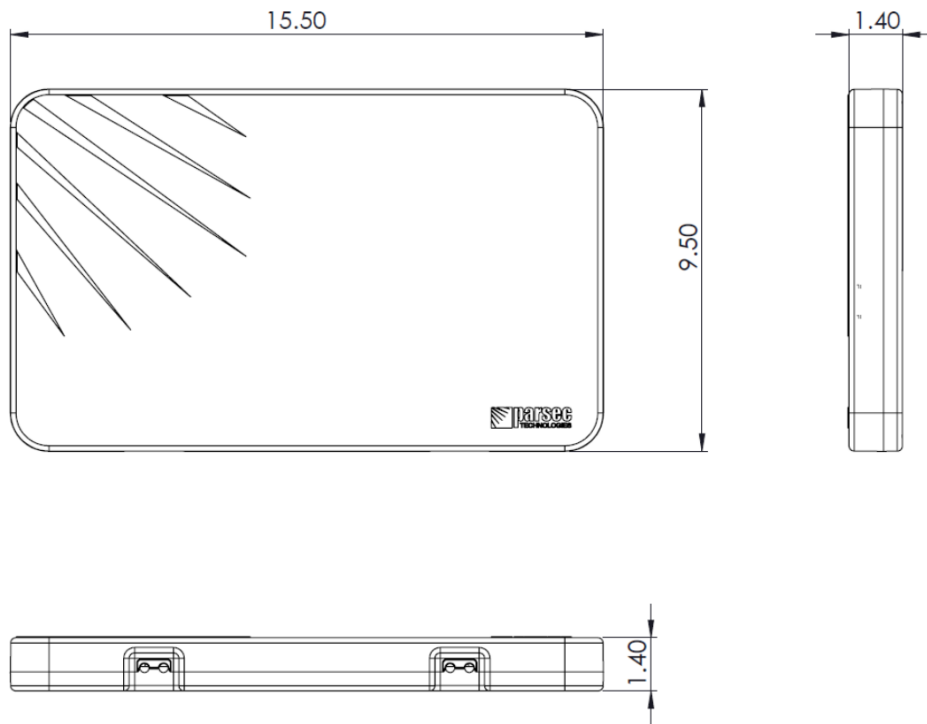
LTE Frequency Ranges

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

LTE Bands (US Carriers)

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

Product Dimensions



Electrical Specifications

Electrical Specifications

ID	Port	Parameters	Units	Typ.
Radiated Efficiency	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
Peak Gain	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
Return Loss (50 Ω)	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
Isolation	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
Polarization	LTE			Linear +/- 45 Deg.
Max Input Power			Watts	5
RF Connector	LTE	15ft. Cable		SMA (M)
	LTE	1ft. Pigtail		N (F)
	LTE	1ft. Pigtail		SMA (M)
RF Cable Type	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.

SMA connectors have a max torque of 3-5 inch lbs.



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