EbeeStock

4.9 GHz to 5.8 GHz 23 dBi Broadband Patch Antenna

Antennas Technical Data Sheet ET13009

Features

- Heavy duty UV-resistant all weather radome
- DC ground lightning protection
- Can be mounted for horizontal or vertical polarization
- N-Female connector
- Includes tilt and swivel mast mount

Applications

- 4.9/5.8 GHz Indoor/Outdoor Wireless LAN systems
- Supports IEEE 802.11 a/n applications
- WiMAX, WISP, WiFi, Communication
- Homeland Security and Public Safety Band
- Wireless video systems

Description

The Hyperlink ET13009 flat panel antenna is designed to operate from 4.9 GHz to 5.8 GHz (4750-5850MHz). The wide band design of this antenna eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a wide array of wireless applications.

This aesthetically pleasing antenna features a heavy-duty UV-resistant plastic radome ideal for all-weather indoor and outdoor operation. The ET13009 antenna is supplied with a tilt and swivel mast mount kit. This allows quick installation at various degrees of up/down tilt for easy alignment.

Configuration

Design	Panel
Band Type	Wide
Radiation Pattern	Directional
Polarization	Vertical or Horizontal
Connector Type	N Female
Number of Ports	1
Lightning Protection	DC Ground

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Input VSWR			1.5:1	
Impedance		50		Ohms
Input Power			50	Watts

Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	4,900-5,850					MHz
Gain	23	23				dBi
Horizontal Beam Width	11					Degees
Vertical Beam Width	11					Degees
Maximum Input Power	50	50				Watts

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 4.9 GHz to 5.8 GHz 23 dBi Broadband Patch Antenna ET13009

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park,
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Mechanical Specifications

Radome Material	ASA

Size

Overall Length	12.4 in [314.96 mm]
Width	12.4 in [314.96 mm]
Height	0.98 in [24.89 mm]
Mounting Mast Diameter	0.75 to 2 in [19.05 to 50.80 mm]
Weight	3.65 lbs [1.66 kg]

Environmental Specifications

Temperature

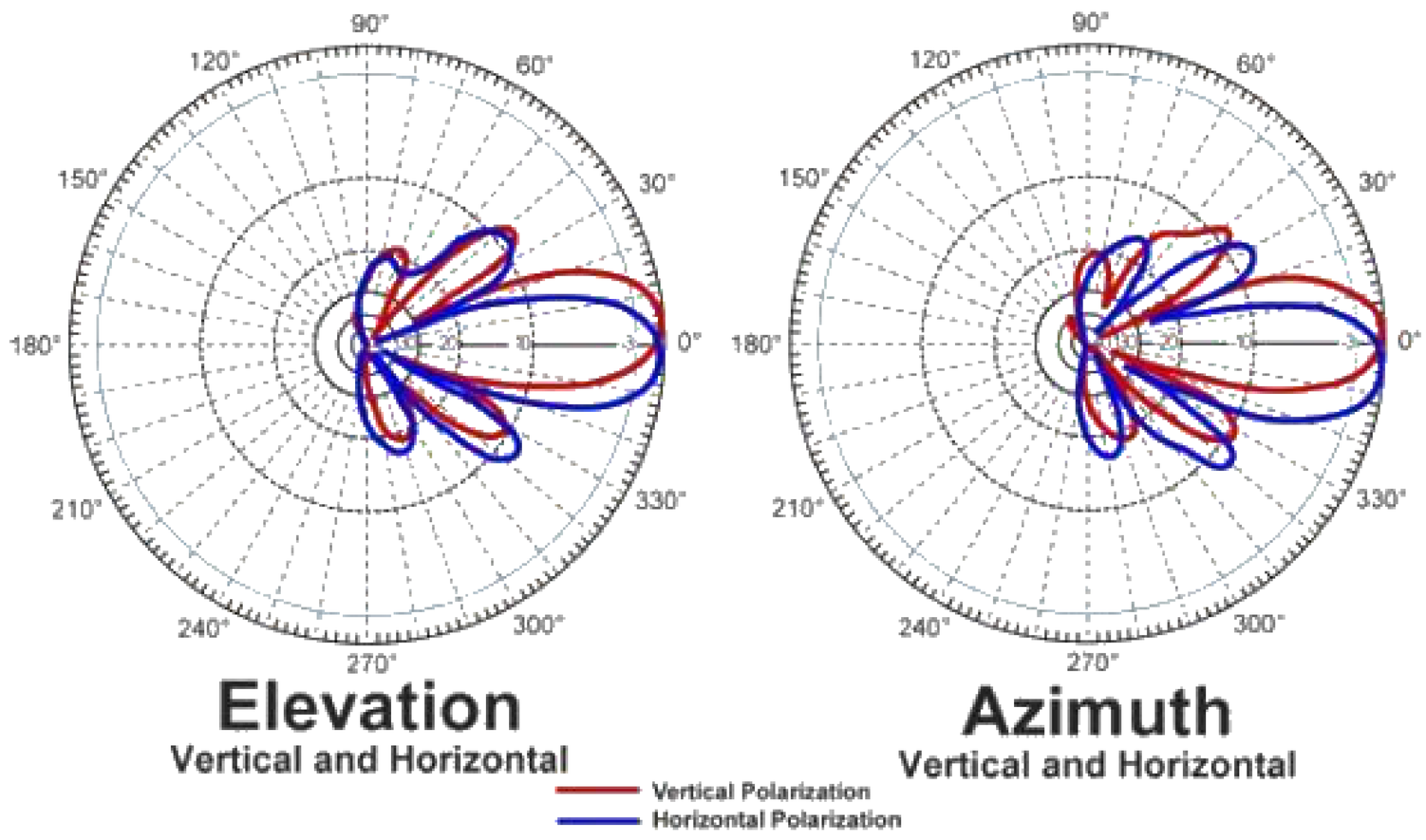
Operating Range	-40 to +85 deg C
Wind Loading	130 MPH [209.21 KPH]

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Radiation Pattern



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4.9 GHz to 5.8 GHz 23 dBi Broadband Patch Antenna from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 4.9 GHz to 5.8 GHz 23 dBi Broadband Patch Antenna ET13009

URL: https://www.ebeestock.com/4-9-ghz-to-5-8-ghz-23-dbi-broadband-patch-antenna-0013009

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

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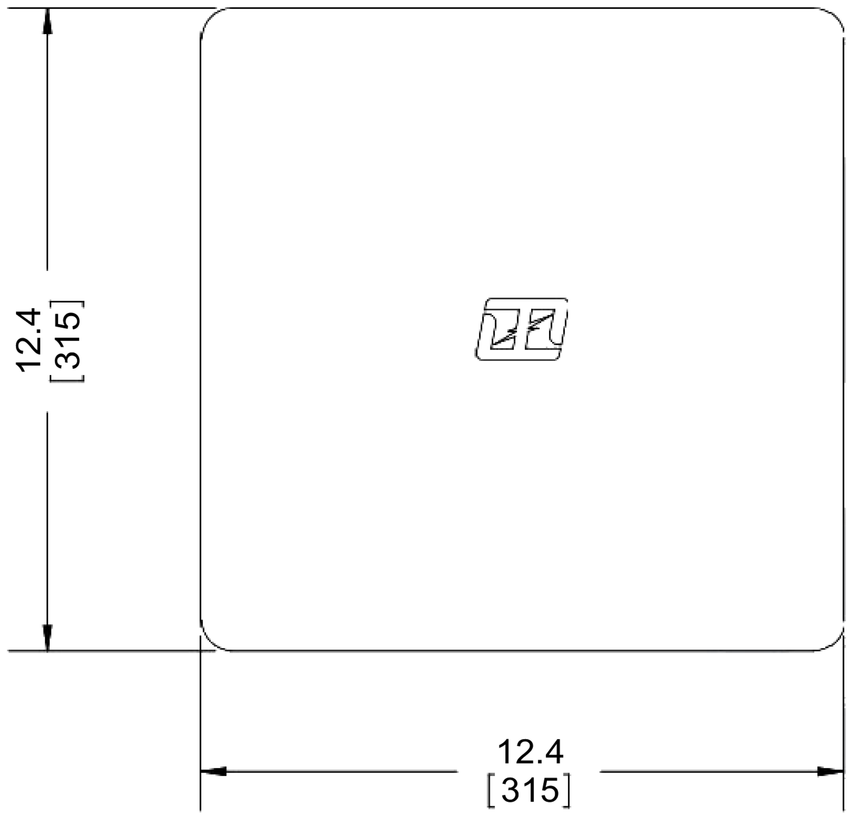
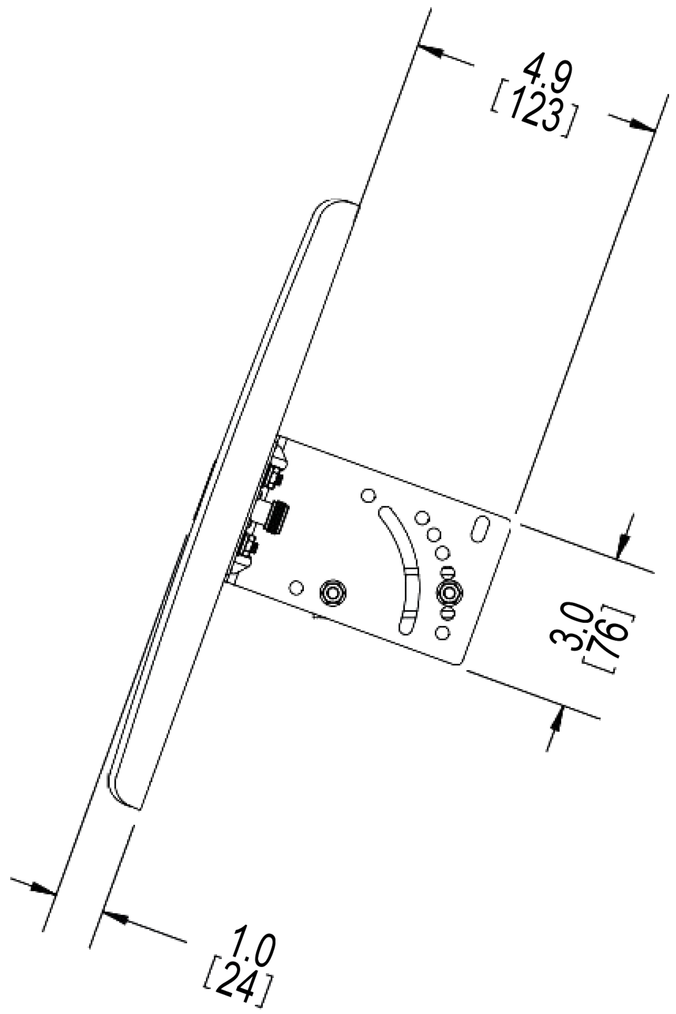
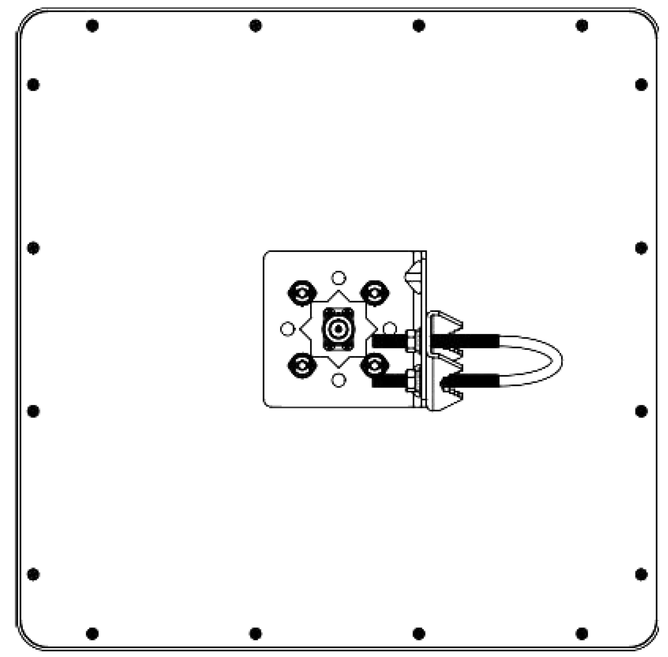
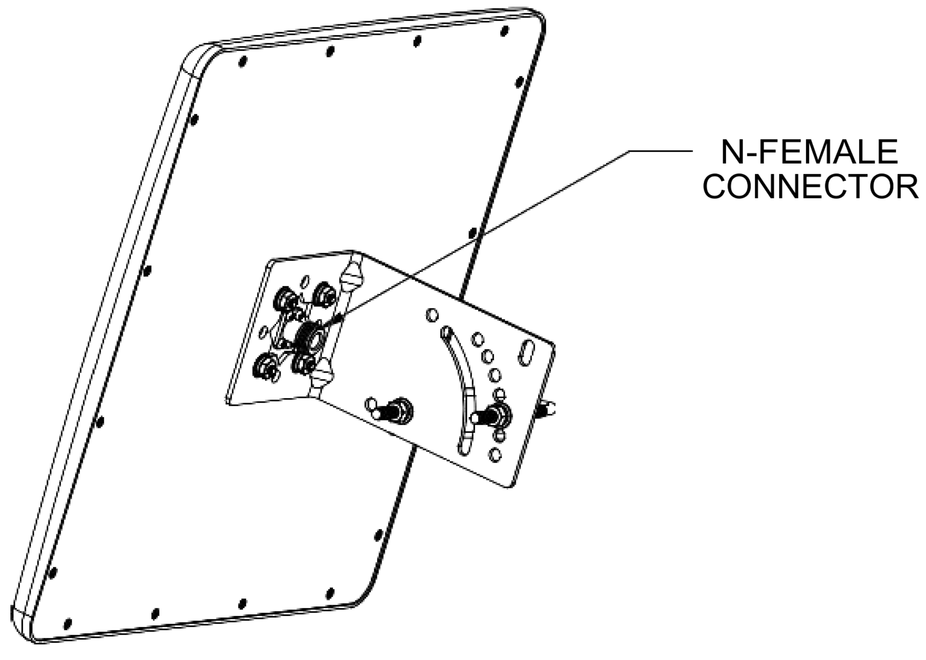
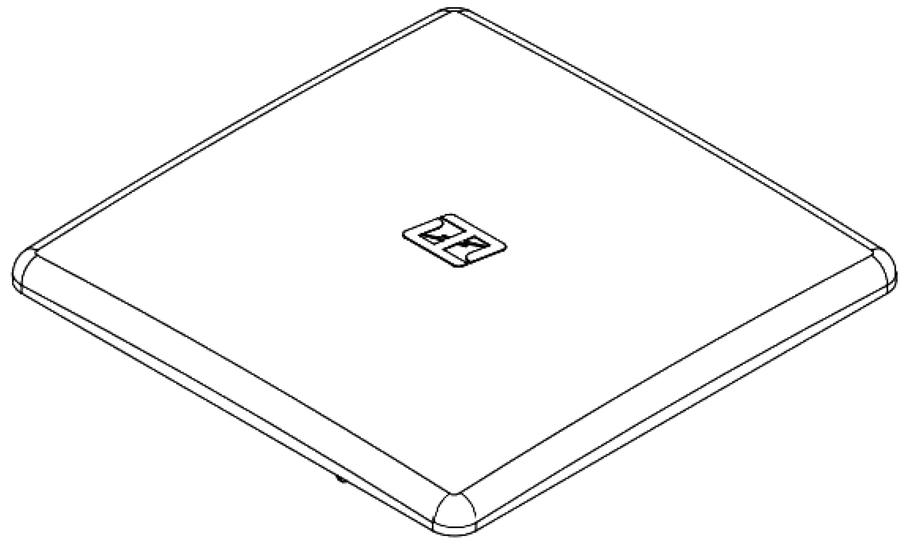
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2/12/2020	M.MILLER











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UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08]
.XX = ± .02 [.51]
.XXX = ±.005 [.13]

FRACTIONS
± 1/32
ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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THIRD-ANGLE PROJECTION

SHEET 1 OF 1

SCALE N/A

sales@Ebeestock.com

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	K.DANG	ET13009	A

T-Rev.D