

Standard Gain Horn Cage Style Antenna Mount, Waveguide Size WR510, IEC R18

The Fairview Microwave FMWAN510-MNT antenna mount is a compact and versatile solution designed to accommodate a gain horn antenna with specific dimensions. With a length of 11.02 inches and a height of 8.35 inches, this mount provides a sturdy and secure platform for the antenna. Weighing only 6.84 pounds, this antenna holder is lightweight and easy to handle, making it convenient for various applications. This antenna mount is specifically stocked to be readily available for same business day shipment.

The FMWAN510-MNT antenna mount from Fairview Microwave is compatible with the IEC R18 standard and supports gain horn antennas with a waveguide size of WR510. The aluminum body of this mount offers lightweight construction, while still maintaining robustness for test and measurement applications. With chromate conversion for a sleek inside finish and coated with anticorrosion gray paint, our antenna mount ensures protection against environmental factors.

Fairview Microwave has one of the largest in-stock selections of gain horn antenna mounts for international and domestic orders. Make your online purchase right now to take advantage of our same business day shipping. For further information on similar antenna accessories, our expert technical support and knowledgeable sales team can help you get the perfect gain horn antenna mount for your requirements.

Mechanical Specifications

Body Material	Aluminum
Body Finish	Chromate conversion
Length	11.023622 in [280 mm]
Width	11.023622 in [280 mm]
Height	8.346457 in [212 mm]
Weight	14.49 lbs [6.57 kg]

Compliance Certifications (see [product page](#) for current document)

Standard Gain Horn Cage Style Antenna Mount, Waveguide Size WR510, IEC R18 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Standard Gain Horn Cage Style Antenna Mount, Waveguide Size WR510, IEC R18 FMWAN510-MNT](#)

URL: <https://www.fairviewmicrowave.com/standard-gain-horn-cage-style-antenna-mount-waveguide-size-wr510-iec-r18-fmwan510-mnt-p.aspx>

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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



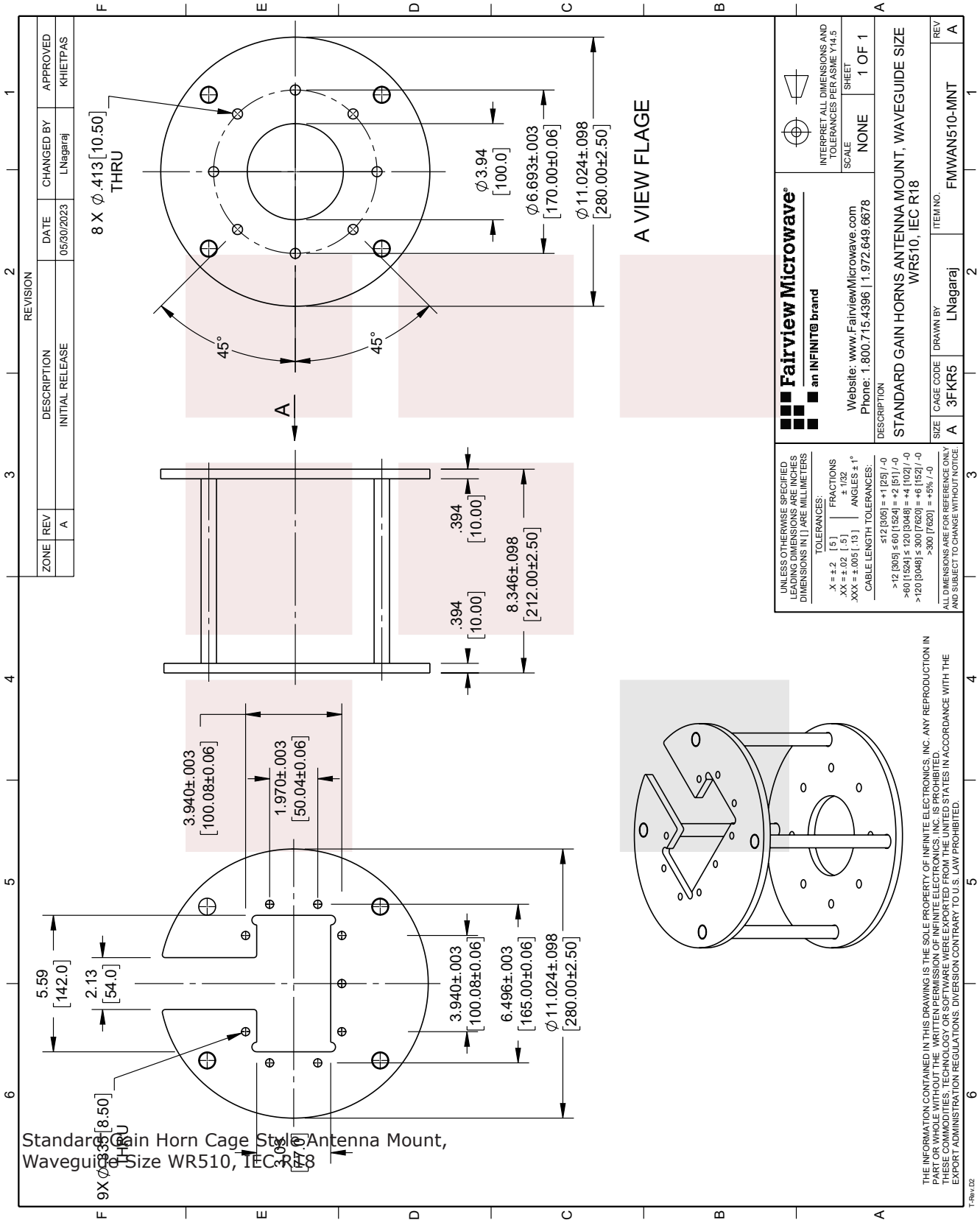
Features:

- Supports WR510 waveguide size
- Supports flange type: UDR 18, RDR 18, PDR 18
- All Aluminum material
- Chromate conversion - inside finish
- Anti corrosion grey paint - outside finish
- Easy mount option and Seamless fit

Applications:

- Gain Horn or Waveguide Mounting
- Antenna Measurements
- Laboratory use
- Microwave Testing
- Radome Testing
- EMC measurement
- Satellite Antenna Testing

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REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV			
	A	05/30/2023	L.Nagaraj	KHETIPAS
DESCRIPTION				
INITIAL RELEASE				

<p>Fairview Microwave an INFINITE brand</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p>	
Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678		SCALE	SHEET
DESCRIPTION		NONE	1 OF 1
STANDARD GAIN HORNS ANTENNA MOUNT, WAVEGUIDE SIZE WR510, IEC R18			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	L.Nagaraj	FMWAN510-MNT

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = \pm .2 (5) | FRACTIONS \pm .005 (0.125) | ANGLES \pm 1°

.XX = \pm .02 (.5) | .XXX = \pm .005 (.13)

CABLE LENGTH TOLERANCES:

≤ 12 (305) = \pm 1 (25) / -0

> 12 (305) ≤ 60 (1524) = +2 (51) / -0

> 60 (1524) ≤ 120 (3048) = +4 (102) / -0

> 120 (3048) ≤ 300 (7620) = +6 (152) / -0

> 300 (7620) = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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