

WR-229 Standard Gain Horn Antenna Operating From 3.3 GHz to 4.9 GHz, 10 dBi Nominal Gain, CMR-229 Flange, ProLine

The Pro-series WR-229 FM9862B-10 standard gain horn antenna (also known as waveguide horn) from Fairview Microwave has a nominal gain of 10 dBi. The Fairview Microwave 10 dBi WR-229 horn antenna operates from 3.3 GHz to 4.9 GHz. This WR-229 standard gain horn has a CMR-229 type flange. The WR-229 FM9862B-10 waveguide horn is part of over 40,000 RF, microwave and millimeter wave components available from Fairview Microwave. Waveguide standard gain horn antennas are used in a wide variety of applications due to their high power handling capability, low loss, high directivity, and near constant electrical performance. The Pro-series gain horns are US made and TAA compliant. Fairview Microwave's WR-229 standard gain horns are available in 10, 15 and 20 dBi models with pyramidal shape and rectangular input. Pro-series WR-229 standard gain horn antenna can ship the same day to anywhere in the world.

Configuration

Design	WR-229 Standard Gain Horn
Pattern	Directional
Polarization	Linear

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	33		49	GHz
Nominal Gain		10		dB
VSWR		1.5:1		

Mechanical Specifications

Size	
Length	15.8 in [401.32 mm]
Width/Diameter	3.71 in [94.23 mm]
Height	2.73 in [69.34 mm]

Waveguide Interface

Waveguide Size	WR-229
Flange Type	CMR-229
Body Material and Plating	Aluminum

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

Plotted and Other Data

Notes:



Features:

- WR-229 Rectangular Waveguide Interface
- 3.3 GHz to 4.9 GHz
- 10 dBi Nominal Gain
- CMR-229 Cover Flange

Applications:

- Antenna Measurements
- Wireless Communication
- Laboratory Use
- Microwave Radio System

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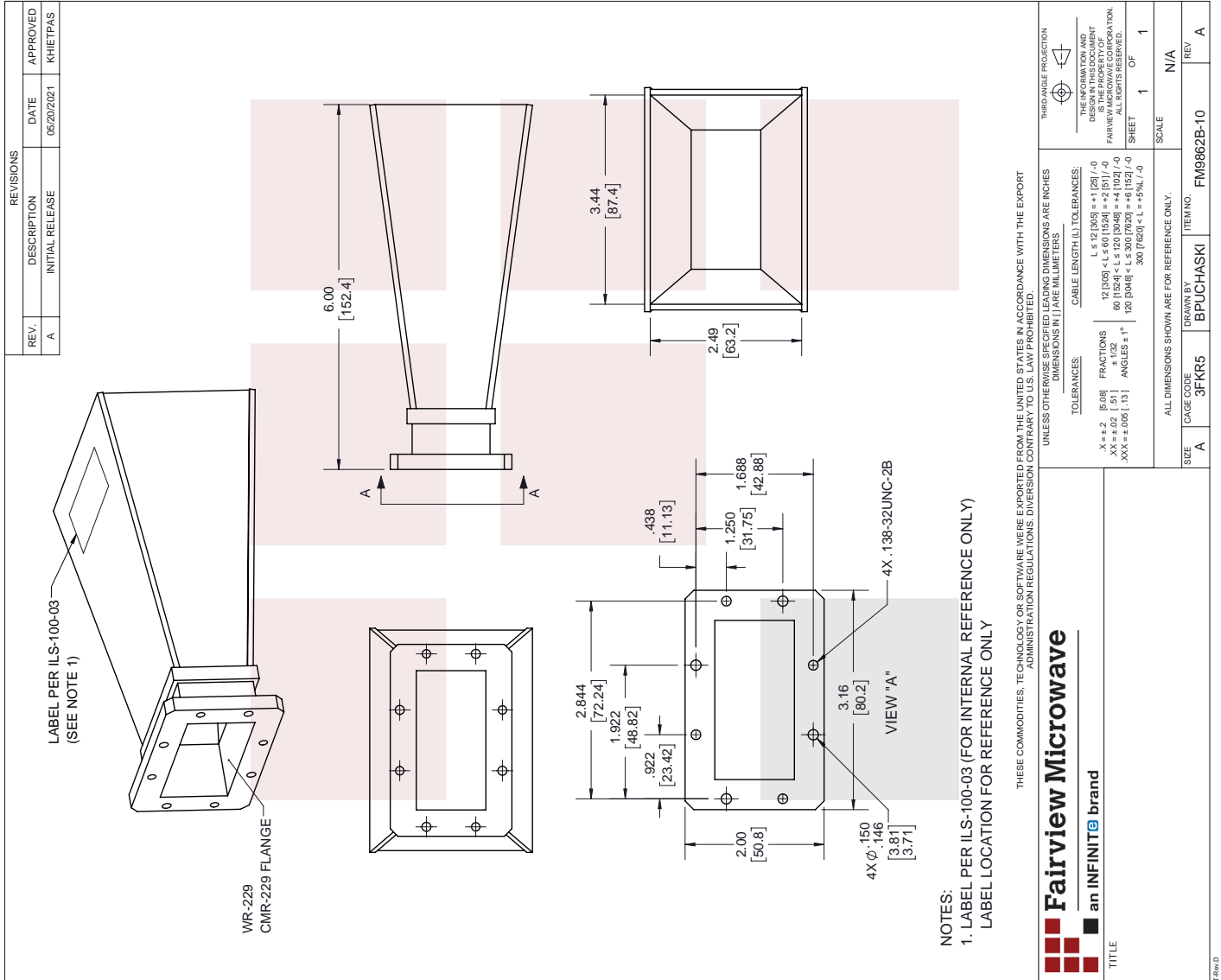
WR-229 Standard Gain Horn Antenna Operating From 3.3 GHz to 4.9 GHz, 10 dBi Nominal Gain, CMR-229 Flange, ProLine from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-229 Standard Gain Horn Antenna Operating From 3.3 GHz to 4.9 GHz, 10 dBi Nominal Gain, CMR-229 Flange, ProLine FM9862B-10](#)

URL: <https://www.fairviewmicrowave.com/wr-229-waveguide-standard-gain-horn-10-db-fm9862b-10-p.aspx>

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