

WR-137 Standard Waveguide Horn With CMR-137F Flange and 20 dB Typical Gain Operating From 5.85 GHz to 8.2 GHz Frequency Range

The Pro-series WR-137 FM9859B-20 standard gain horn antenna (also known as waveguide horn) from Fairview Microwave has a nominal gain of 20 dBi. The Fairview Microwave 20 dBi WR-137 horn antenna operates from 5.85 GHz to 8.2 GHz. This WR-137 standard gain horn has a CMR-137F type flange. The WR-137 FM9859B-20 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-137 standard gain horns are available in 10, 15 and 20 dBi models with pyramidal shape and rectangular input. Pro-series WR-137 standard gain horn antenna can ship the same day to anywhere in the world.

Configuration

Design	WR-137 Standard Gain Horn
Pattern	Directional
Polarization	Linear

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	5.85		8.2	GHz
Nominal Gain		20		dB
VSWR		1.5:1		

Mechanical Specifications

Size	
Length	12.2 in [309.88 mm]
Width/Diameter	6.45 in [163.83 mm]
Height	4.65 in [118.11 mm]

Waveguide Interface

Waveguide Size	WR-137
Flange Type	CMR-137F
Body Material and Plating	Aluminum



Features:

- WR-137 Rectangular Waveguide Interface
- 5.85 GHz to 8.2 GHz
- 20 dBi Nominal Gain
- CMR-137F Flange

Applications:

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

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

Plotted and Other Data

Notes:

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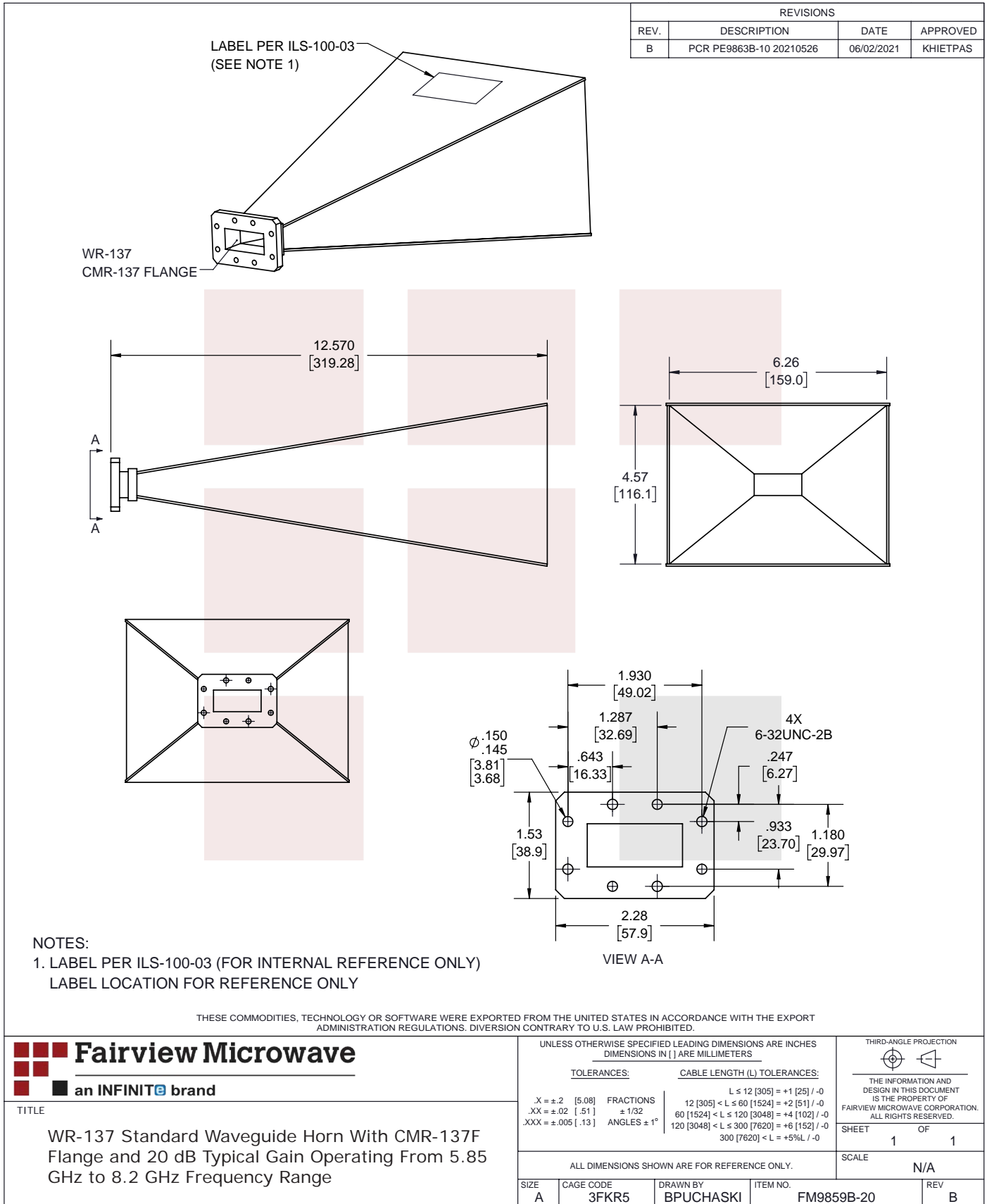
WR-137 Standard Waveguide Horn With CMR-137F Flange and 20 dB Typical Gain Operating From 5.85 GHz to 8.2 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-137 Standard Waveguide Horn With CMR-137F Flange and 20 dB Typical Gain Operating From 5.85 GHz to 8.2 GHz Frequency Range FM9859B-20](#)

URL: <https://www.fairviewmicrowave.com/wr-137-waveguide-standard-gain-horn-20-db-fm9859b-20-p.aspx>

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