

WR-284 Waveguide Standard Gain Horn Antenna With Flange, 20 dBi Gain and 2.6 GHz to 3.95 GHz

The Pro-series WR-284 FM9863B-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-284 horn antenna operates from 2.6 GHz to 3.95 GHz. This WR-284 standard gain horn has a CMR-284 type flange. The WR-284 FM9863B-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-284 standard gain horns are available in 10, 15 and 20 dBi models with pyramidal shape and rectangular input. Pro-series WR-284 standard gain horn antenna can ship the same day to anywhere in the world.

Configuration

Design	WR-284 Standard Gain Horn
Pattern	Directional
Polarization	Linear

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2.6		3.95	GHz
Impedance		50		Ohms
Nominal Gain		20		dB
VSWR		1.5:1		

Mechanical Specifications

Size	
Length	30.5 in [774.7 mm]
Width/Diameter	15.76 in [400.3 mm]
Height	10.86 in [275.84 mm]

Waveguide Interface

Waveguide Size	WR-284
Flange Type	CMR-284
Body Material and Plating	Aluminum

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

Plotted and Other Data

Notes:



Features:

- WR-284 Rectangular Waveguide Interface
- 2.6 GHz to 3.95 GHz
- 20 dBi Nominal Gain
- CMR-284 Cover Flange

Applications:

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

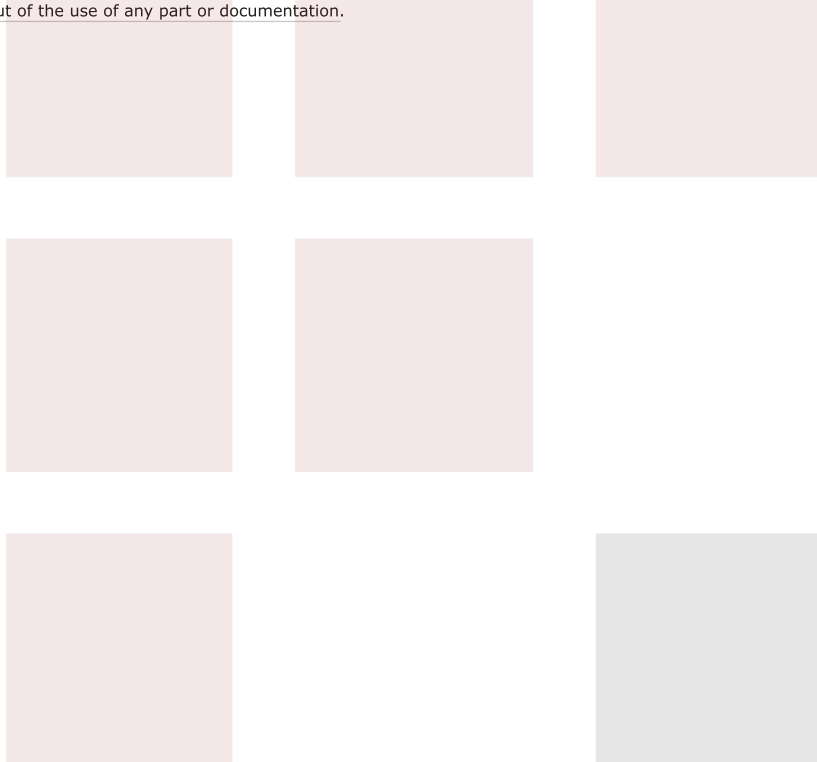
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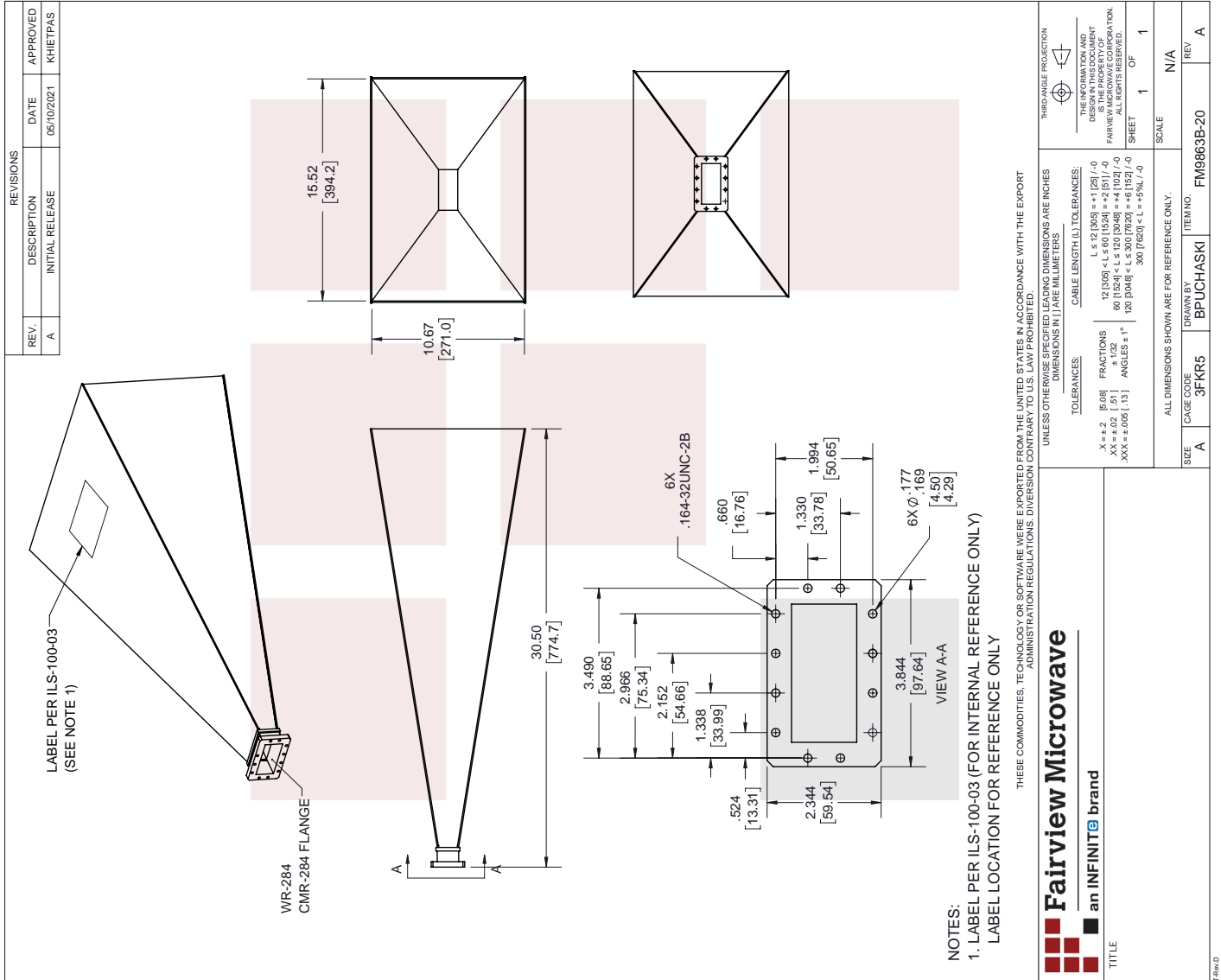
WR-284 Waveguide Standard Gain Horn Antenna With Flange, 20 dBi Gain and 2.6 GHz to 3.95 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-284 Waveguide Standard Gain Horn Antenna With Flange, 20 dBi Gain and 2.6 GHz to 3.95 GHz FM9863B-20](#)

URL: <https://www.fairviewmicrowave.com/wr-284-waveguide-standard-gain-horn-20-db-fm9863b-20-p.aspx>

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