

## WR-284 Standard Gain Horn Antenna Operating From 2.6 GHz to 3.95 GHz, 15 dBi Nominal Gain, UG-584/U Round Flange, ProLine

The Pro-series WR-284 FM9863B-15-U standard gain horn antenna (also known as waveguide horn) from Fairview Microwave has a nominal gain of 15 dBi. The Fairview Microwave 15 dBi WR-284 horn antenna operates from 2.6 GHz to 3.95 GHz. This WR-284 standard gain horn has a UG-584/U Round type flange. The WR-284 FM9863B-15-U 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
Nominal Gain		15		dB
VSWR		1.5:1		

### Mechanical Specifications

<b>Size</b>	
Length	15.34 in [389.64 mm]
Width/Diameter	7.96 in [202.18 mm]
Height	5.83 in [148.08 mm]

#### Waveguide Interface

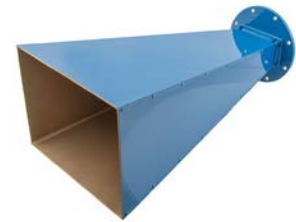
Waveguide Size	WR-284
Flange Type	Round Cover
Flange Designation	UG-584/U
Body Material and Plating	Aluminum

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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
- 15 dBi Nominal Gain
- UG-584/U Round Cover Flange

### Applications:

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

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WR-284 Standard Gain Horn Antenna Operating From 2.6 GHz to 3.95 GHz, 15 dBi Nominal Gain, UG-584/U Round 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-284 Standard Gain Horn Antenna Operating From 2.6 GHz to 3.95 GHz, 15 dBi Nominal Gain, UG-584/U Round Flange, ProLine FM9863B-15-U](#)

URL: <https://www.fairviewmicrowave.com/wr-284-waveguide-standard-gain-horn-15-db-ug-584-fm9863b-15-u-p.aspx>

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