

WR-187 Standard Gain Horn Antenna Operating From 3.95 GHz to 5.85 GHz, 15 dBi Nominal Gain, CMR-187 Flange, ProLine

The Pro-series WR-187 FM9861B-15 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-187 horn antenna operates from 3.95 GHz to 5.85 GHz. This WR-187 standard gain horn has a CMR-187 type flange. The WR-187 FM9861B-15 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-187 standard gain horns are available in 10, 15 and 20 dBi models with pyramidal shape and rectangular input. Pro-series WR-187 standard gain horn antenna can ship the same day to anywhere in the world.

Configuration

Design	WR-187 Standard Gain Horn
Pattern	Directional
Polarization	Linear

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	3.95		5.85	GHz
Nominal Gain		15		dB
VSWR		1.5:1		

Mechanical Specifications

Size	
Length	10.03 in [254.76 mm]
Width/Diameter	4.88 in [123.95 mm]
Height	3.57 in [90.68 mm]
Weight	0.1 lbs [45.36 g]

Waveguide Interface

Waveguide Size	WR-187
Flange Type	CMR-187
Body Material and Plating	Aluminum



Features:

- WR-187 Rectangular Waveguide Interface
- 3.95 GHz to 5.85 GHz
- 15 dBi Nominal Gain
- CMR-187 Cover 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-187 Standard Gain Horn Antenna Operating From 3.95 GHz to 5.85 GHz, 15 dBi Nominal Gain, CMR-187 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-187 Standard Gain Horn Antenna Operating From 3.95 GHz to 5.85 GHz, 15 dBi Nominal Gain, CMR-187 Flange, ProLine FM9861B-15](#)

URL: <https://www.fairviewmicrowave.com/wr-187-waveguide-standard-gain-horn-15-db-fm9861b-15-p.aspx>

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