

WR-112 Waveguide Standard Gain Horn Antenna With UG-138/U Flange, 15 dBi Gain and 7.05 GHz to 10 GHz

The Pro-series WR-112 FM9858B-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-112 horn antenna operates from 7.05 GHz to 10 GHz. This WR-112 standard gain horn has a square type flange. The WR-112 FM9858B-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-112 standard gain horns are available in 10, 15 and 20 dBi models with pyramidal shape and rectangular input. Pro-series WR-112 standard gain horn antenna can ship the same day to anywhere in the world.

Configuration

Design	WR-112 Standard Gain Horn
Pattern	Directional
Polarization	Linear

Electrical Specifications

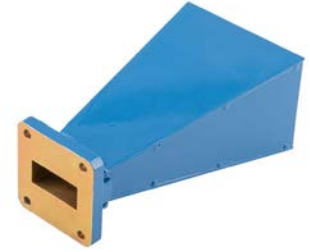
Description	Min	Typ	Max	Units
Frequency Range	7.05		10	GHz
Nominal Gain		15		dB
VSWR		1.5:1		

Mechanical Specifications

Size	
Length	5.21 in [132.33 mm]
Width/Diameter	2.75 in [69.85 mm]
Height	1.99 in [50.55 mm]

Waveguide Interface

Waveguide Size	WR-112
Flange Type	Square Cover
Flange Designation	UG-138/U
Body Material and Plating	Aluminum



Features:

- WR-112 Rectangular Waveguide Interface
- 7.05 GHz to 10 GHz
- 15 dBi Nominal Gain
- square Cover Flange

Applications:

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

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

Plotted and Other Data

Notes:

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WR-112 Waveguide Standard Gain Horn Antenna With UG-138/U Flange, 15 dBi Gain and 7.05 GHz to 10 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-112 Waveguide Standard Gain Horn Antenna With UG-138/U Flange, 15 dBi Gain and 7.05 GHz to 10 GHz FM9858B-15](#)

URL: <https://www.fairviewmicrowave.com/wr-112-waveguide-standard-gain-horn-15-db-ug-138-fm9858b-15-p.aspx>

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