

## WR-2300 Waveguide Standard Gain Horn Antenna Operating From 320 MHz to 490 MHz, 10 dBi Gain with N Type Female Connector

The FMWAN2300-10NF standard horn antenna (also known as waveguide horn) from Fairview is part of our comprehensive selection of waveguide antennas. This WR-2300 waveguide horn features an N Female coaxial connector and operates from 320 to 490 MHz.

Our FMWAN2300-10NF standard gain horn antenna has a nominal gain of 10 dBi with a typical input VSWR of 1.5:1. Fairview's waveguide horns are available in 10, 15, and 20 dBi models with varying frequency ranges to suit the application needs.

Waveguide antennas, such as the FMWAN2300-10NF are used in a wide variety of applications due to the high-power handling capability, low loss, high directivity, and near constant electrical performance. Our WR-2300 waveguide antennas with are part of over 40,000 RF, microwave, and millimeter wave components from Fairview available worldwide and Ship same day.

### Configuration

Design	WR-2300 Standard Gain Horn
Pattern	Directional
Polarization	Linear
RF Connector	N Female

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	320		490	MHz
Gain		10		dBi
VSWR			1.5:1	

### Mechanical Specifications

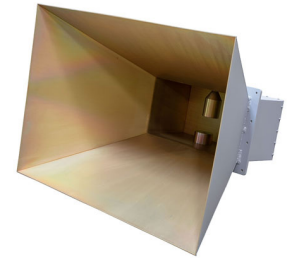
<b>Size</b>	
Length	33.5 in 850.9 mm
Width	31.5 in 800.1 mm
Height	45.3 in 115.06 cm
Weight	88.2 lbs 40.01 kg
RF Connector	N Female

### Environmental Specifications

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

### Plotted and Other Data

Notes:



### Features:

- 320 MHz to 490 MHz
- Linearly Polarized
- 10 dBi Nominal Gain
- WR-2300 with N Female coaxial connector
- Powder Coated Aluminum

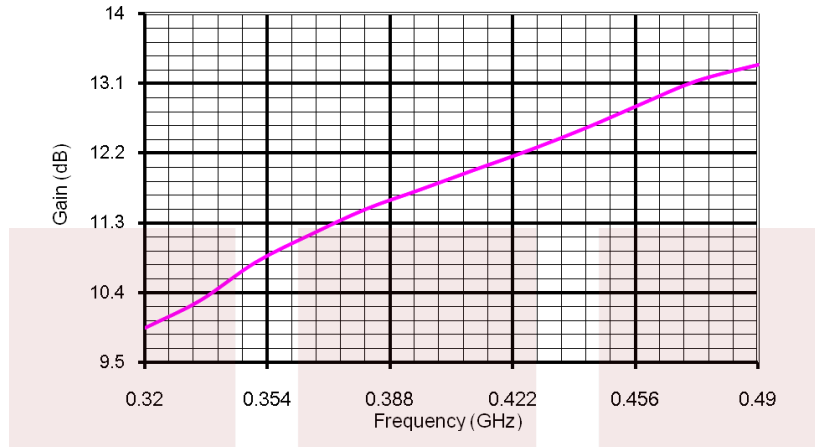
### Applications:

- Antenna Measurements
- Wireless Communication
- Laboratory Use
- Microwave Testing
- Radome Testing
- EMC measurement
- Satellite Antenna Testing

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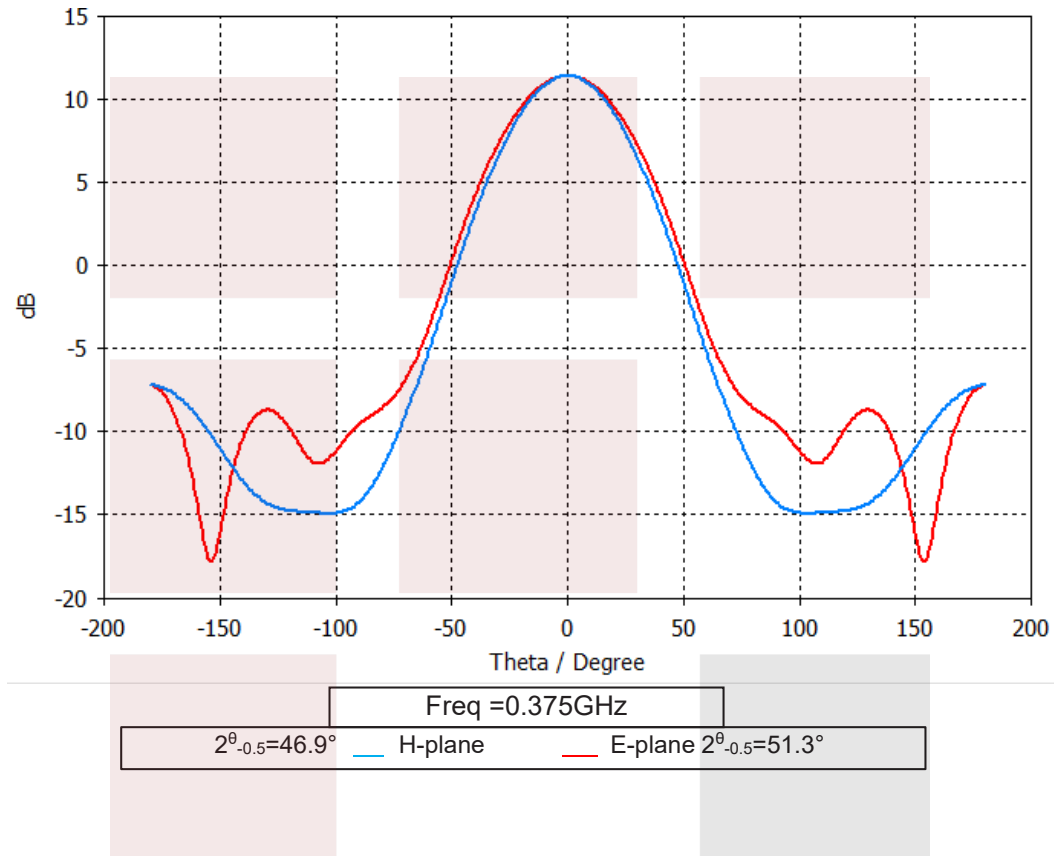
**Typical Performance Data**

Gain VS Frequency Curve:



Freq	Gain	Freq	Gain
0.32 GHz	9.95 dB	0.41 GHz	12.00 dB
0.34 GHz	10.30 dB	0.43 GHz	12.25 dB
0.35 GHz	10.79 dB	0.44 GHz	12.53 dB
0.37 GHz	11.15 dB	0.46 GHz	12.84 dB
0.38 GHz	11.48 dB	0.47 GHz	13.14 dB
0.40 GHz	11.74 dB	0.49 GHz	13.34 dB

**Typical Pattern:**



WR-2300 Waveguide Standard Gain Horn Antenna Operating From 320 MHz to 490 MHz, 10 dBi Gain with N Type Female Connector 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-2300 Waveguide Standard Gain Horn Antenna Operating From 320 MHz to 490 MHz, 10 dBi Gain with N Type Female Connector FMWAN2300-10NF](#)

URL: <https://www.fairviewmicrowave.com/wr-2300-waveguide-standard-gain-horn-antenna-operating-from-320-mhz-to-490-mhz-10-dbi-gain-with-n-type-female-connector-fmwan2300-10nf-p.aspx>

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