Fairview Microwave
an INFINITE brand

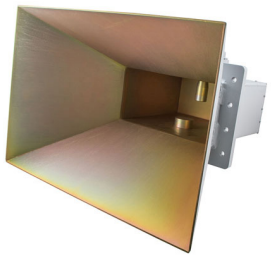
FMWAN975-10NF DATA SHEET

WR-975 Waveguide Standard Gain Horn Antenna Operating From 760 MHz to 1150 MHz, 10 dBi Gain with N Type Female Connector

The FMWAN975-10NF standard horn antenna (also known as waveguide horn) from Fairview is part of our comprehensive selection of waveguide antennas. This WR-975 waveguide horn features an N Female coaxial connector and operates from 760 to 1150 MHz.

Our FMWAN975-10NF 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 FMWAN975-10NF 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-975 waveguide antennas with are part of over 40,000 RF, microwave, and millimeter wave components from Fairview available worldwide and Ship same day.



Features:

- 760 MHz to 1150 MHz
- Linearly Polarized
- 10 dBi Nominal Gain
- WR-975 with N Female coaxial connector
- Powder Coated Aluminum

Applications:

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

Configuration

Design	WR-975 Standard Gain Horn
Pattern	Directional
Polarization	Linear
RF Connector	N Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	0.76		1.15	GHz
Gain		10		dBi
VSWR			1.5:1	

Mechanical Specifications

Size

Length	18.9 in 480.06 mm
Width	18.9 in 480.06 mm
Height	13.2 in 335.28 mm
Weight	16.758 lbs 7.6 kg
RF Connector	N Female

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Fairview Microwave
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Tel: 1-800-715-4396 / (972) 649-6678
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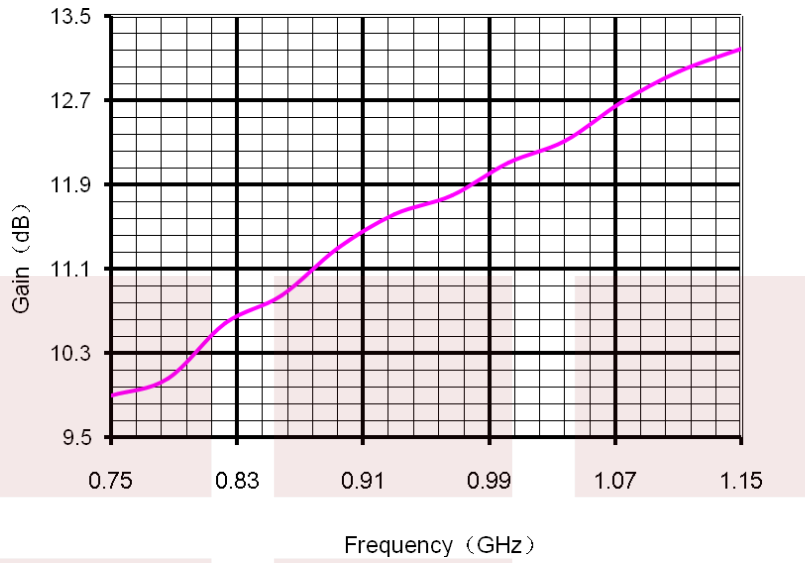
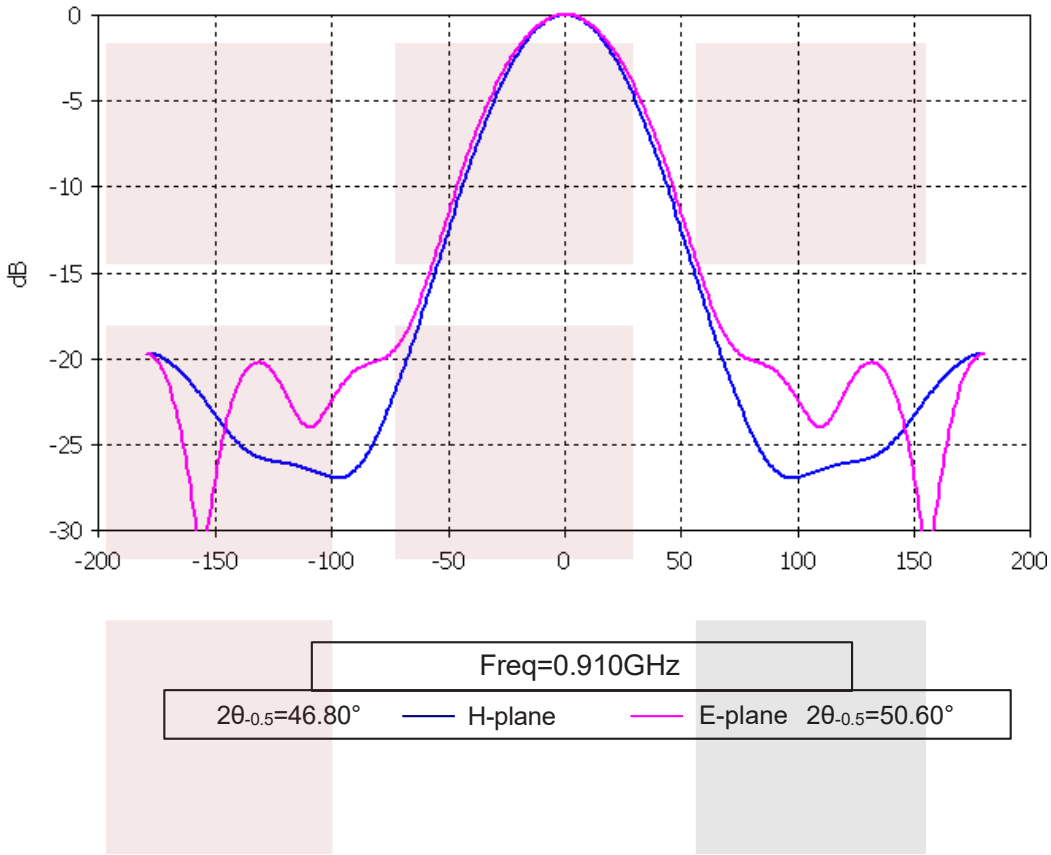
Typical Performance Data

Gain VS Frequency Curve:



Freq	Gain	Freq	Gain
0.75 GHz	9.90 dB	0.97 GHz	11.80 dB
0.79 GHz	10.06 dB	1.00 GHz	12.11 dB
0.82 GHz	10.58 dB	1.04 GHz	12.32 dB
0.86 GHz	10.85 dB	1.07 GHz	12.68 dB
0.89 GHz	11.30 dB	1.11 GHz	12.97 dB
0.93 GHz	11.62 dB	1.15 GHz	13.19 dB

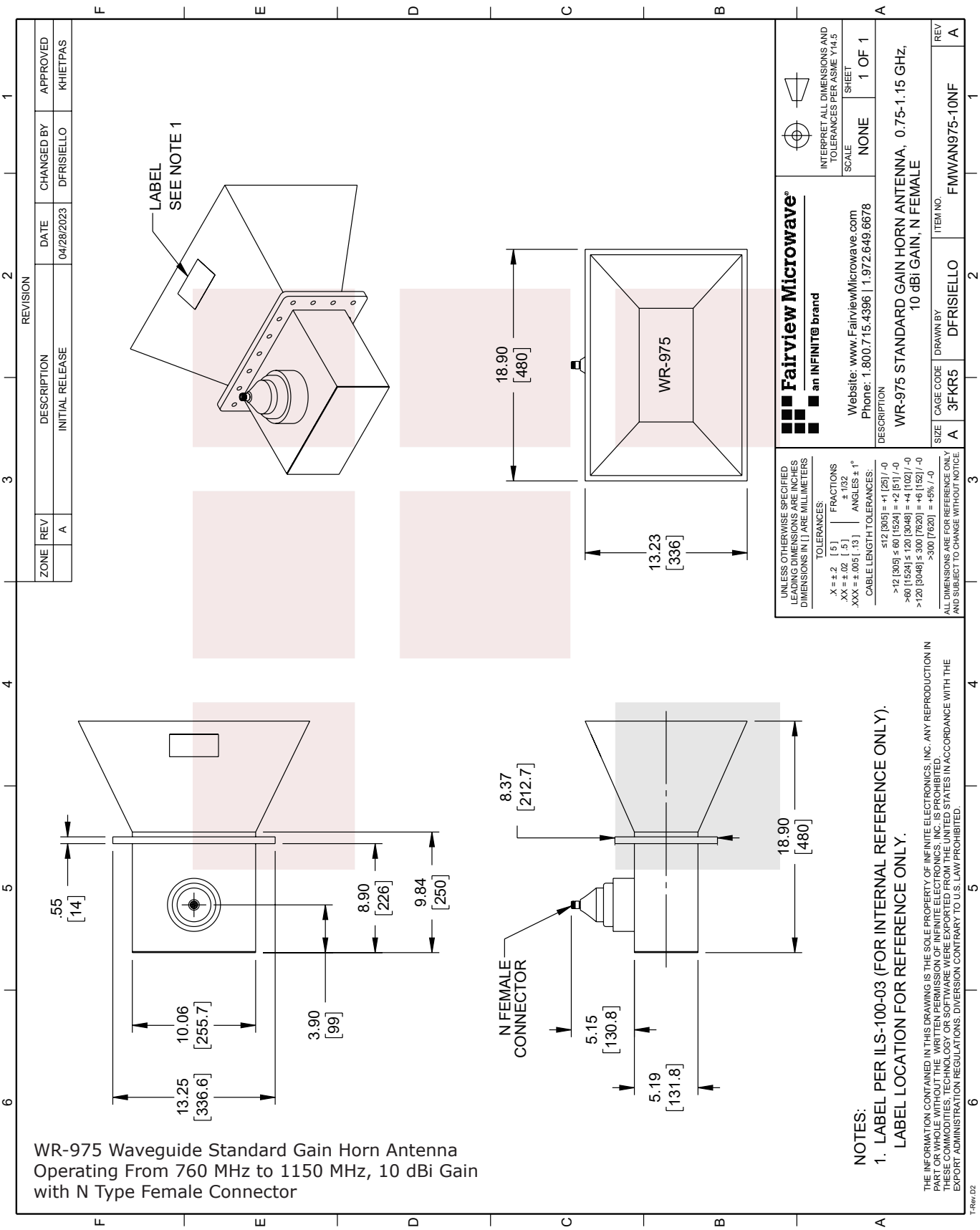
Typical Pattern:



WR-975 Waveguide Standard Gain Horn Antenna Operating From 760 MHz to 1150 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-975 Waveguide Standard Gain Horn Antenna Operating From 760 MHz to 1150 MHz, 10 dBi Gain with N Type Female Connector FMWAN975-10NF

URL: https://www.fairviewmicrowave.com/wr-975-waveguide-standard-gain-horn-antenna-operating-from-760-mhz-to-1150-mhz-10-dbi-gain-with-n-type-female-connector-fmwan975-10nf-p.aspx



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