

Broadband Horn Antenna, Dual Polarized 32 GHz to 38 GHz 21 dBi Gain, 2.92mm Female Connector

The FMWAN1170 dual polarized broadband horn antenna (also known as a waveguide horn antenna) from Fairview Microwave is part of our comprehensive selection of broadband antennas. This conical waveguide horn features dual 2.92mm Female coaxial connector and operates from 32 GHz to 38 GHz.

Our FMWAN1170 dual polarized broadband horn antenna has a nominal gain of 21 dBi with a typical input VSWR of 1.2:1. Fairview Microwave's broadband horns are available with gain values from 6 to 21 dBi with varying frequency ranges to suit the application needs.

Waveguide horn antennas, such as the FMWAN1170 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 broadband antennas are part of over 40,000 RF, microwave, and millimeter wave components from Fairview Microwave available worldwide and ship same day.

Configuration

Pattern	Directional
Polarization	Dual Linear
Antenna Design Type	Broadband Gain Horn
RF Connector	2.92mm Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	32		38	GHz
Gain		21		dBi
VSWR		1.2:1		

Mechanical Specifications

Size	
Length	1.755906 in 44.6 mm
Width	1.755906 in 44.6 mm
Height	5.787402 in 147 mm
Weight	0.165 lbs 74.84 g
Body Material and Plating	Aluminum
RF Connector	2.92mm Female

Environmental Specifications

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

Plotted and Other Data

Notes:



Features:

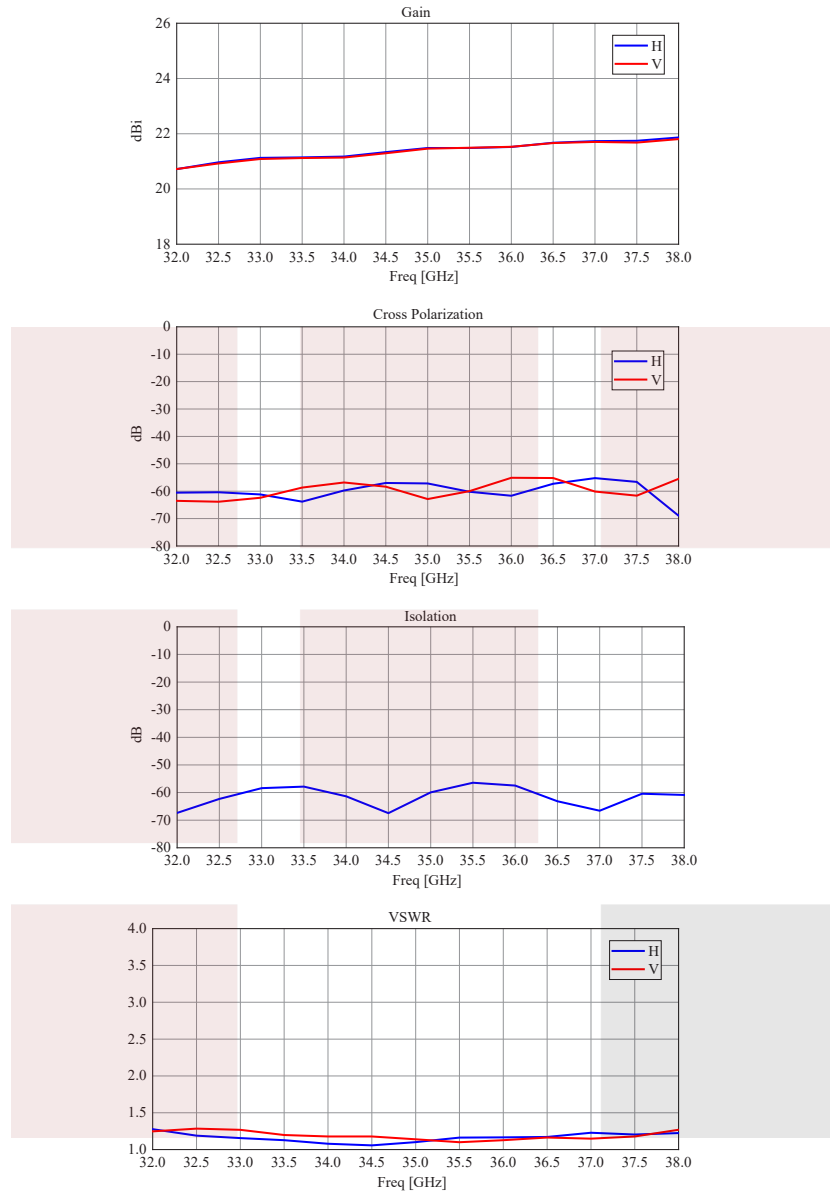
- Ultra Broadband 32 GHz to 38 GHz
- Conical Waveguide
- Dual Polarized
- 21 dBi Nominal Gain
- Dual 2.92mm Female Coaxial Connector
- Mounting Bracket Included
- Powder Coated Aluminum

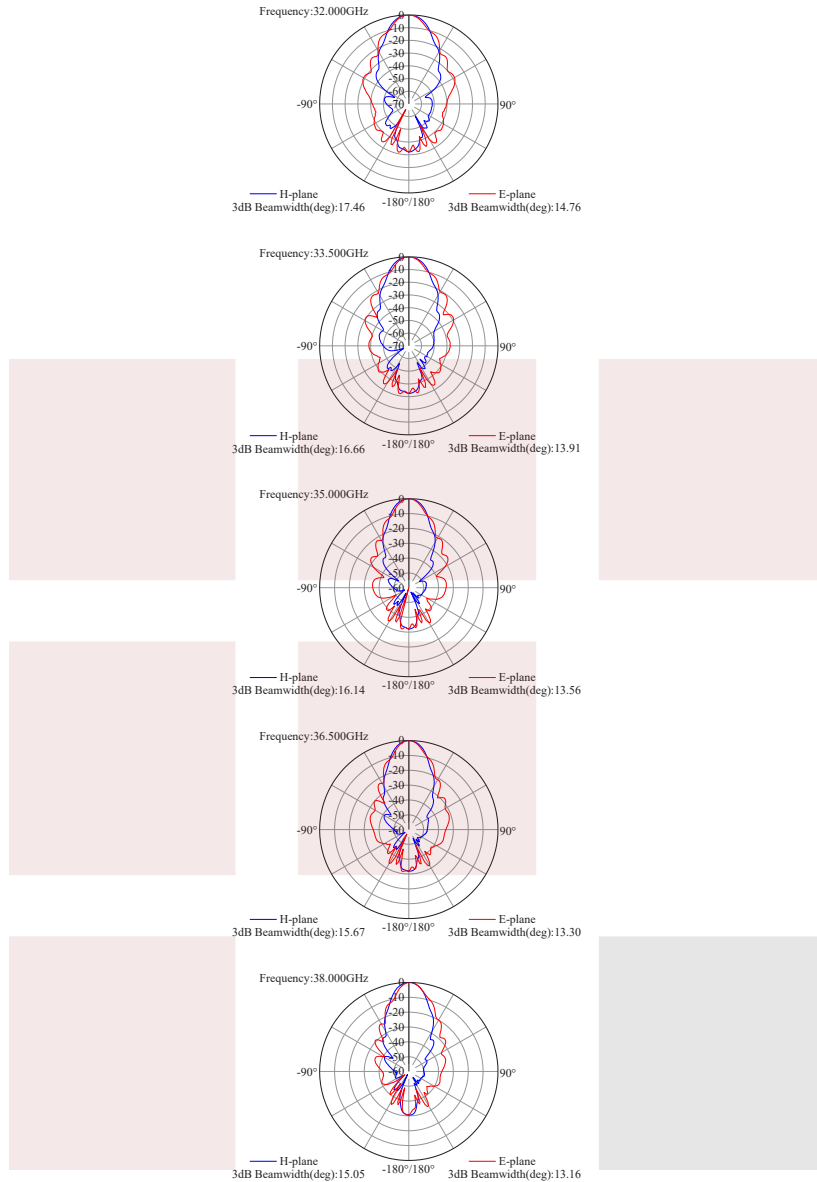
Applications:

- Antenna Measurements
- Laboratory Use
- Microwave Testing
- Radome Testing
- EMC measurement
- Satellite Antenna Testing
- Radar Cross Section

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Typical Performance Data





Broadband Horn Antenna, Dual Polarized 32 GHz to 38 GHz 21 dBi Gain, 2.92mm 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: [Broadband Horn Antenna, Dual Polarized 32 GHz to 38 GHz 21 dBi Gain, 2.92mm Female Connector FMWAN1170](#)

URL: <https://www.fairviewmicrowave.com/waveguide-horn-antenna-flange-21dbi-38-ghz-fmwan1170-p.aspx>

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