

Broadband Gain Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 0 dBi Gain and SMA Female Input

Configuration

Design	Broadband Standard Gain Horn
Pattern	Directional
Polarization	Linear
RF Connector	SMA Female



Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	1		18	GHz
Gain		11		dBi
Horizontal 3dB Beam Width			62	Degrees
Vertical 3dB Beam Width			97	Degrees
VSWR		1.5:1		
Input Power (CW)			50	Watts

Mechanical Specifications

Size

Length	9.606 in 243.99 mm
Width	6.299 in 159.99 mm
Height	8.031 in 203.99 mm
Weight	2.9395 lbs 1.33 kg

RF Connector SMA Female

Environmental Specifications

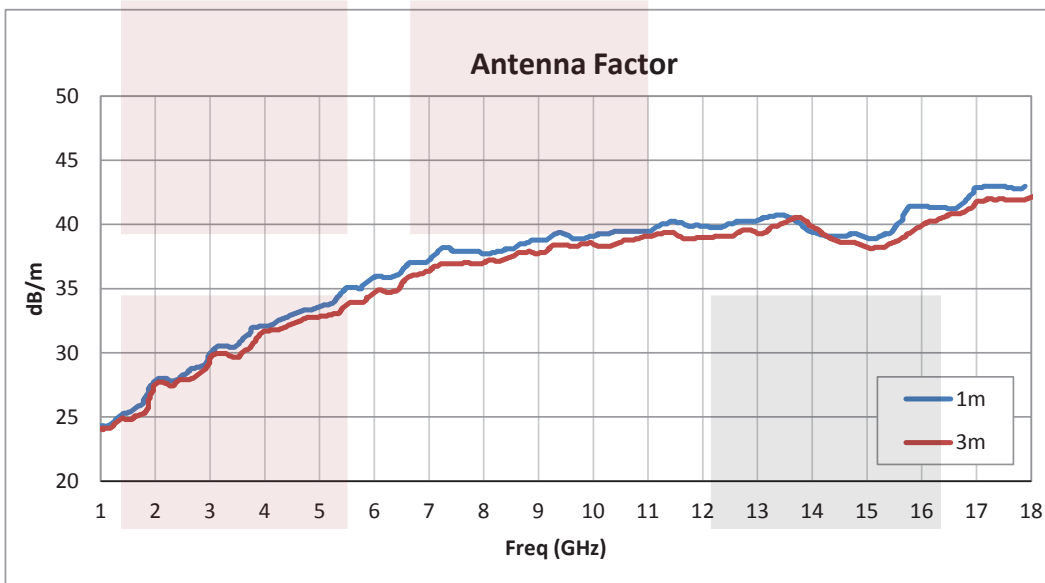
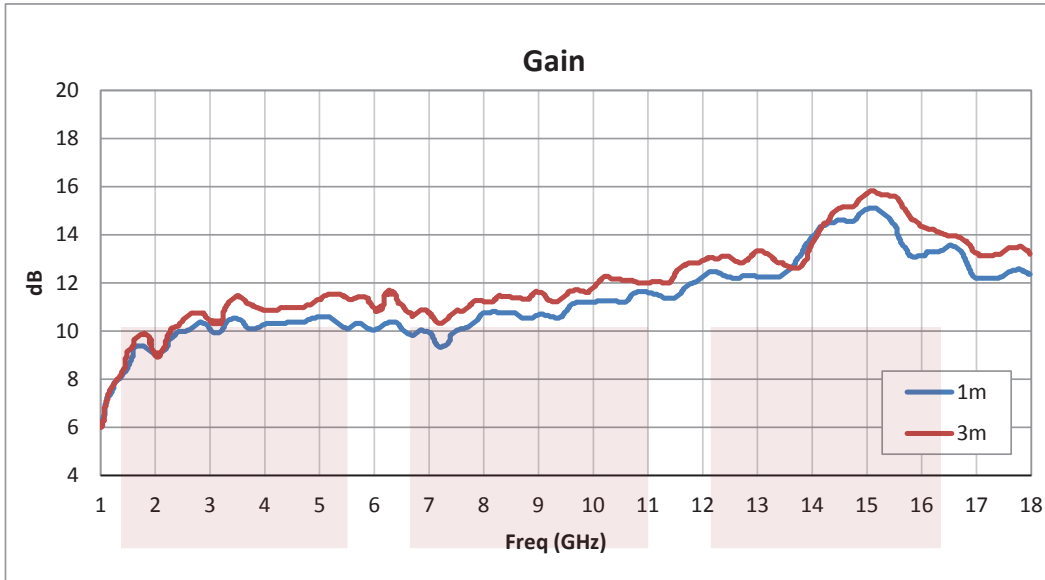
Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data



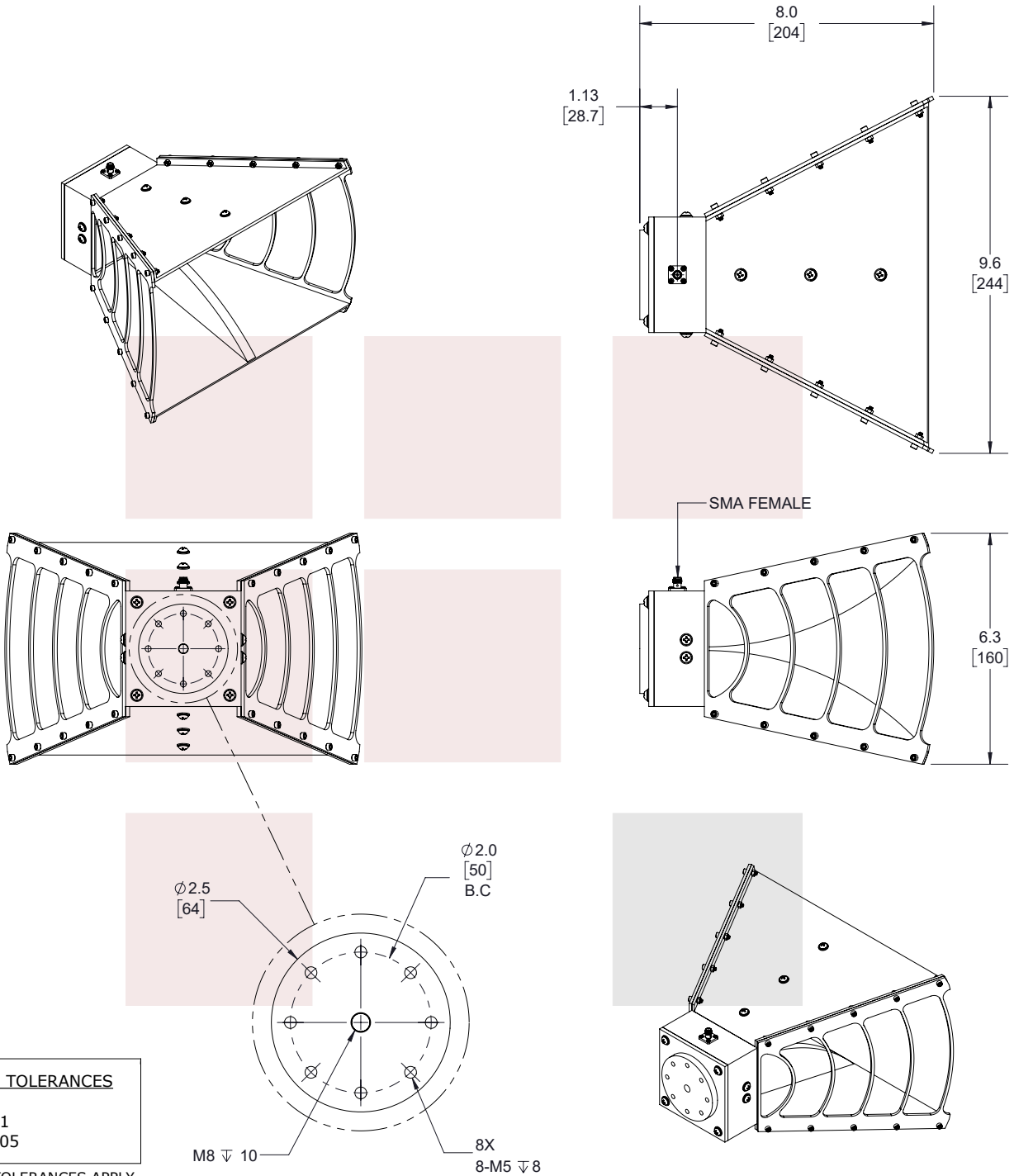
Broadband Gain Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 0 dBi Gain and SMA Female Input from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Broadband Gain Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 0 dBi Gain and SMA Female Input SH0118S](#)

URL: <https://www.fairviewmicrowave.com/invalid-alias-waveguide-horn-antenna-none-flange-11dbi-18-ghz-sh0118s-p.aspx>

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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].						
TITLE Broadband Gain Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 0 dBi Gain and SMA Female Input		DWG NO SH0118S		CAGE CODE 3FKR5				
CAD FILE	10/03/18	SHEET	1 OF 1	SCALE	N/A	SIZE	A	7361