

WR-430 Standard Waveguide Horn With Flange and 20 dB Typical Gain Operating From 1.7 GHz to 2.6 GHz Frequency Range

Configuration

Design	WR-430 Standard Gain Horn
Pattern	Directional
Polarization	Linear

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	1.7		2.6	GHz
Gain	20		20	dB
Horizontal 3dB Beam Width		17.4		Deg
Vertical 3dB Beam Width		17.3		Deg

Mechanical Specifications

Size

Length	40.5 in [102.87 cm]
Width/Diameter	22 in [558.8 mm]
Height	16 in [406.4 mm]
Weight	26.5 lbs [12.02 Kg]

Waveguide Interface

Waveguide Size	WR-430
Flange Type	CPR-430F
Body Material and Plating	Aluminum, Corrosion Resistant Epoxy

Environmental Specifications

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

Plotted and Other Data

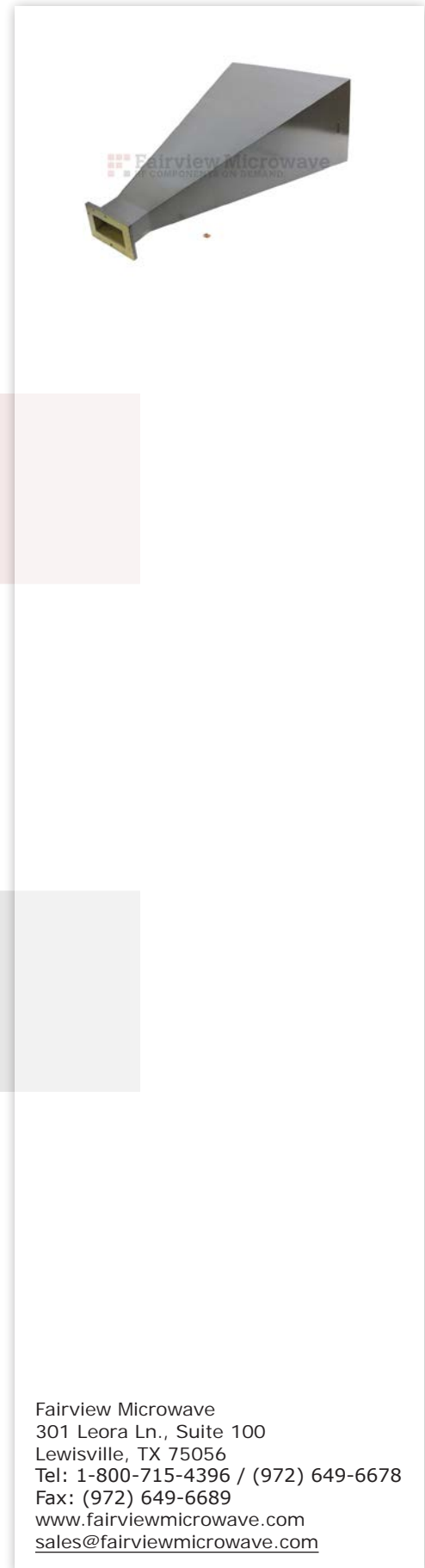
Notes:

WR-430 Standard Waveguide Horn With Flange and 20 dB Typical Gain Operating From 1.7 GHz to 2.6 GHz Frequency Range 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 Allen, Texas. Fairview Microwave is RF on-demand.

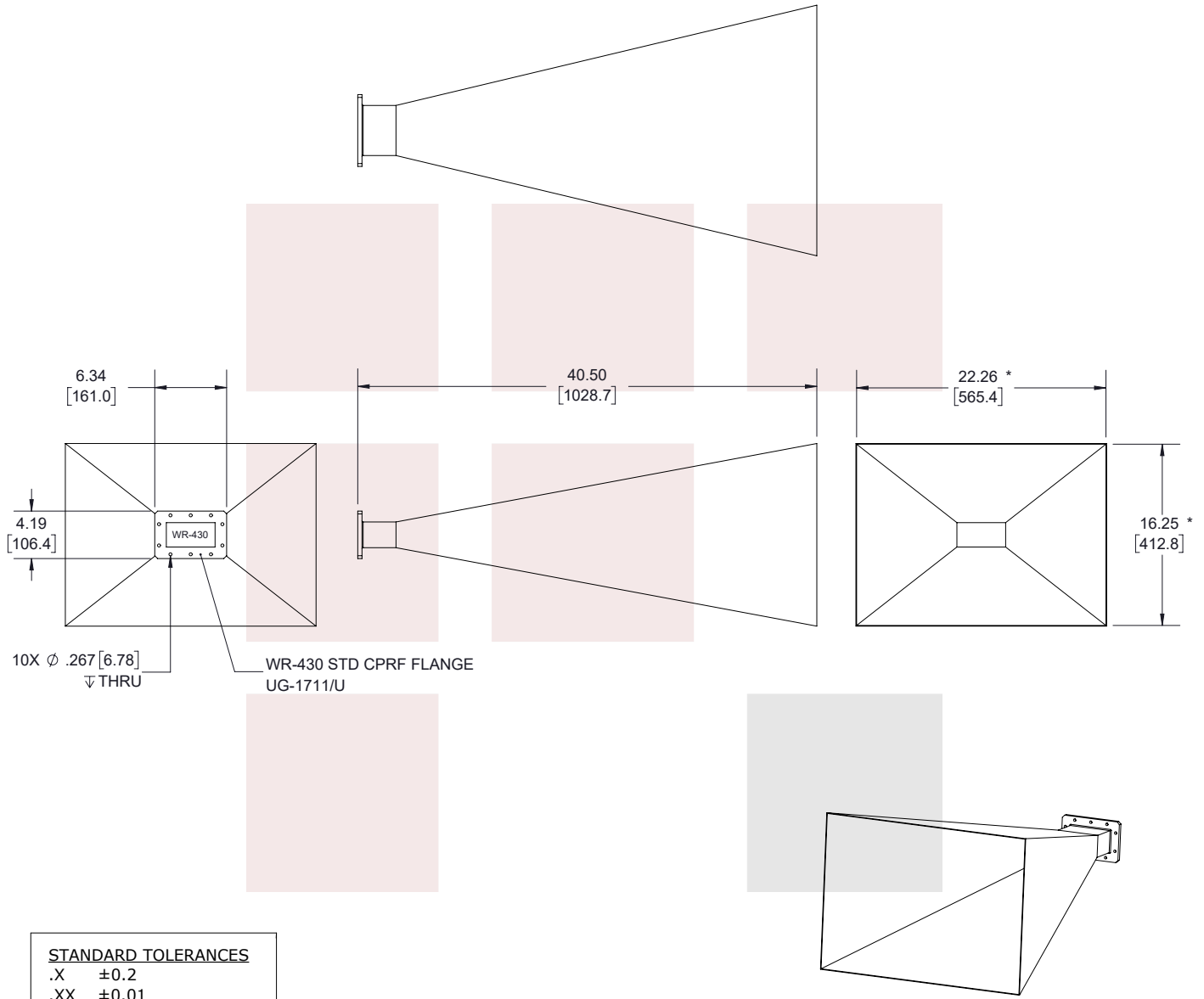
For additional information on this product, please click the following link: [WR-430 Standard Waveguide Horn With Flange and 20 dB Typical Gain Operating From 1.7 GHz to 2.6 GHz Frequency Range SH1430-20](#)

URL: <https://www.fairviewmicrowave.com/wr-430-waveguide-standard-gain-horn-20-db-ug-1711-sh1430-20-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



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

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

* INSIDE DIMENSION

		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		DWG NO			CAGE CODE	
WR-430 Standard Waveguide Horn With Flange and 20 dB Typical Gain Operating From 1.7 GHz to 2.6 GHz Frequency Range		SH1430-20			3FKR5	
		CAD FILE	06/06/18	SHEET	1 OF 1	SCALE
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						7361