

**WR-42 Standard Gain Horn With 2.92mm Female Input and 20 dB Typical Gain Operating Within 18 GHz to 26.5 GHz Frequency Range**

**Configuration**

Design	WR-42 Standard Gain Horn
Pattern	Directional
Polarization	Linear
Coaxial Interface	2.92mm Female

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	18		26.5	GHz
Impedance		50		Ohms
<b>Waveguide Standard Gain Horn</b>				
Gain		20		dB
Horizontal 3dB Beam Width		17.8		Degrees
Vertical 3dB Beam Width		17.5		Degrees
<b>Waveguide to Coaxial Adapter</b>				
Input VSWR			1.35:1	

**Mechanical Specifications**

**Size**

Length	5.15 in 130.81 mm
Width/Diameter	2.13 in 54.1 mm
Height	1.56 in 39.62 mm
Weight	0.14 lbs 63.5 g

**RF Connector**

Type	2.92mm Female
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**Waveguide Interface**

Waveguide Size	WR-42
Body Material and Plating	Aluminum

**Environmental Specifications**

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

**Plotted and Other Data**

Notes:



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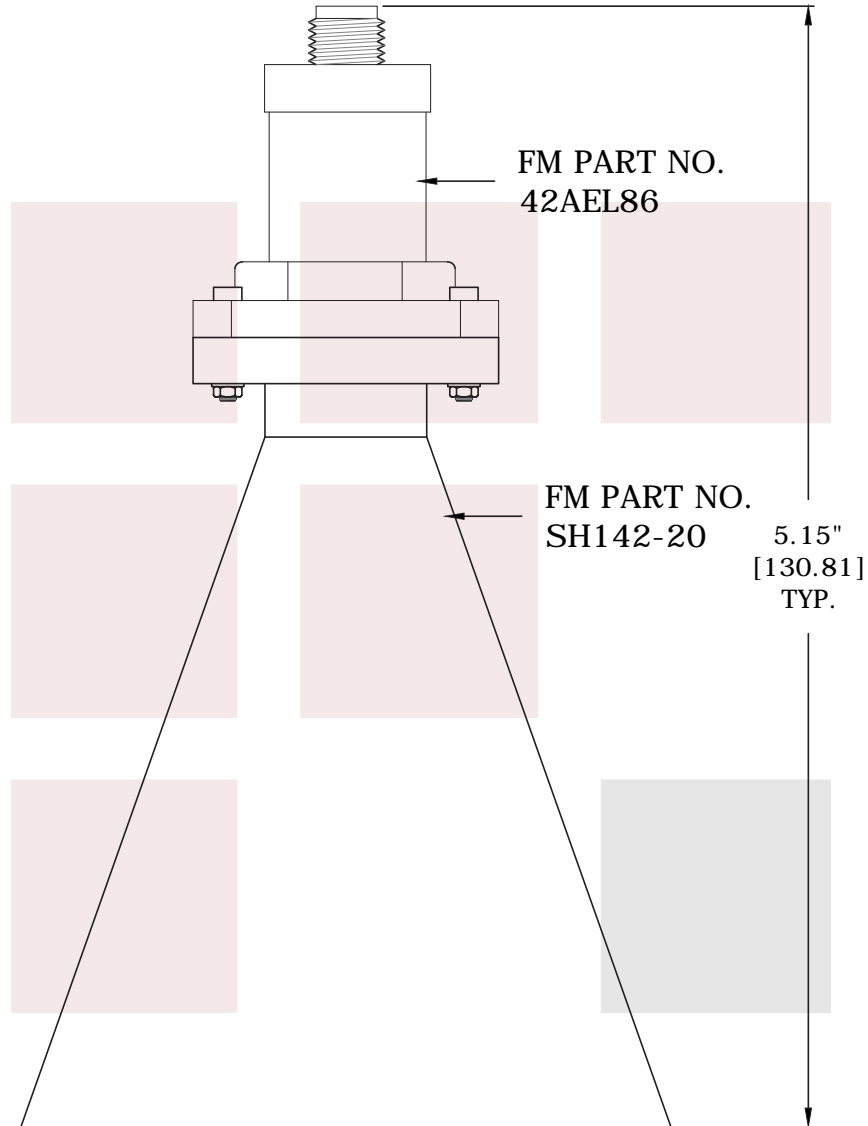
WR-42 Standard Gain Horn With 2.92mm Female Input and 20 dB Typical Gain Operating Within 18 GHz to 26.5 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-42 Standard Gain Horn With 2.92mm Female Input and 20 dB Typical Gain Operating Within 18 GHz to 26.5 GHz Frequency Range SMH142KS-20](#)

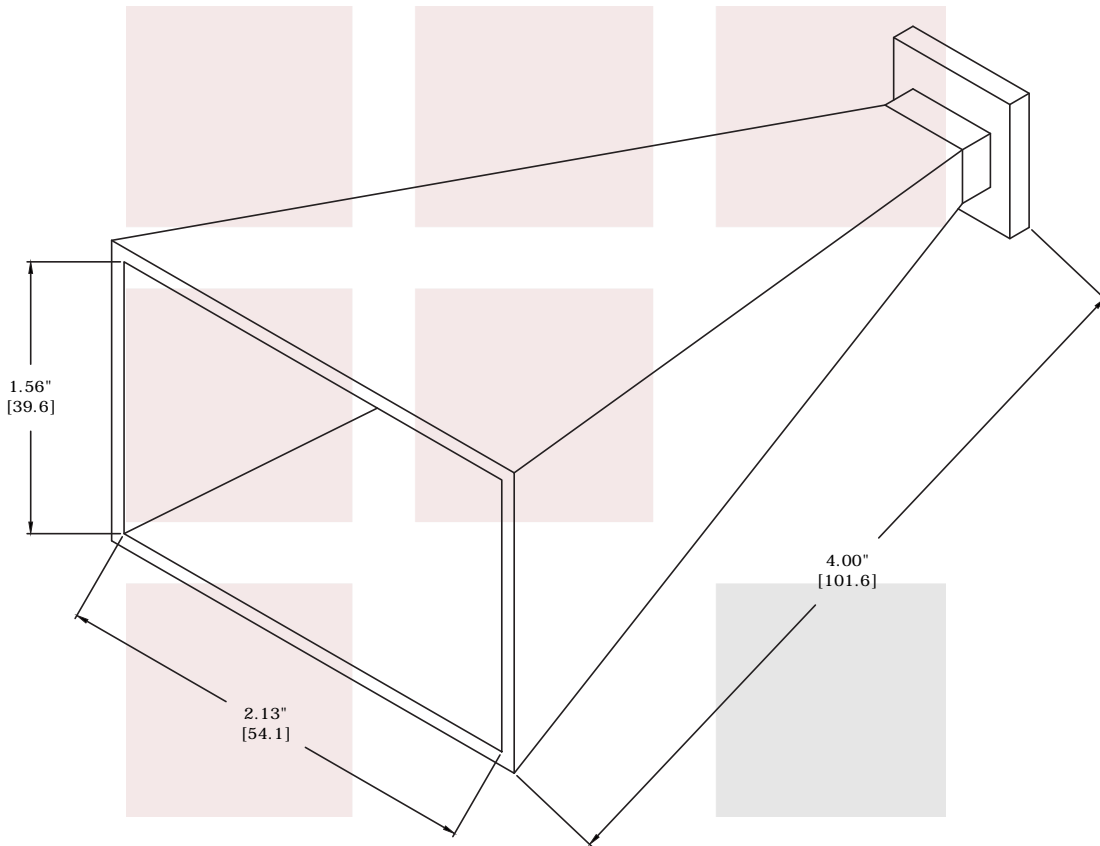
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CAD FILE	040416	SHEET	SCALE	N/A	SIZE A 5568



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