

**WR-112 Standard Gain Horn With SMA Female Input and 10 dB Typical Gain Operating Within 7.05 GHz to 10 GHz Frequency Range**

**Configuration**

Design	WR-112 Standard Gain Horn
Pattern	Directional
Polarization	Linear
Coaxial Interface	SMA Female

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	7.05		10	GHz
Impedance		50		Ohms
<b>Waveguide Standard Gain Horn</b>				
Gain		10		dB
Horizontal 3dB Beam Width		55.2		Degrees
Vertical 3dB Beam Width		56.8		Degrees
<b>Waveguide to Coaxial Adapter</b>				
Input VSWR			1.25:1	

**Mechanical Specifications**

**Size**

Length	3.92 in 99.57 mm
Width/Diameter	1.53 in 38.86 mm
Height	1.18 in 29.97 mm

**RF Connector**

Type	SMA Female
Body Material and Plating	Stainless Steel

**Waveguide Interface**

Waveguide Size	WR-112
Body Material and Plating	Aluminum

**Environmental Specifications**

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

**Plotted and Other Data**

Notes:



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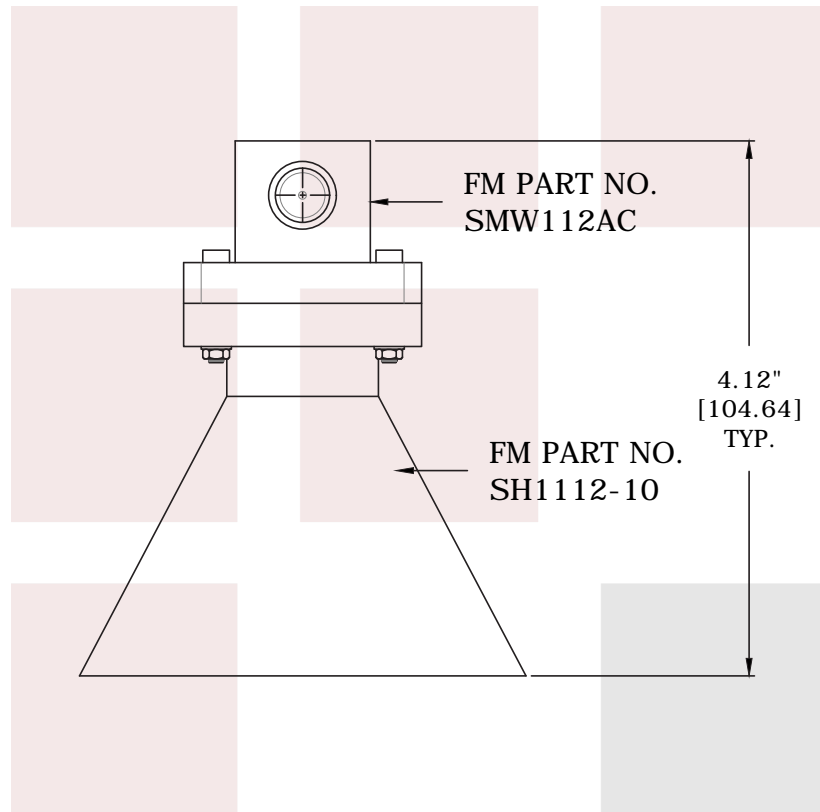
WR-112 Standard Gain Horn With SMA Female Input and 10 dB Typical Gain Operating Within 7.05 GHz to 10 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-112 Standard Gain Horn With SMA Female Input and 10 dB Typical Gain Operating Within 7.05 GHz to 10 GHz Frequency Range SMH112SR-10](#)

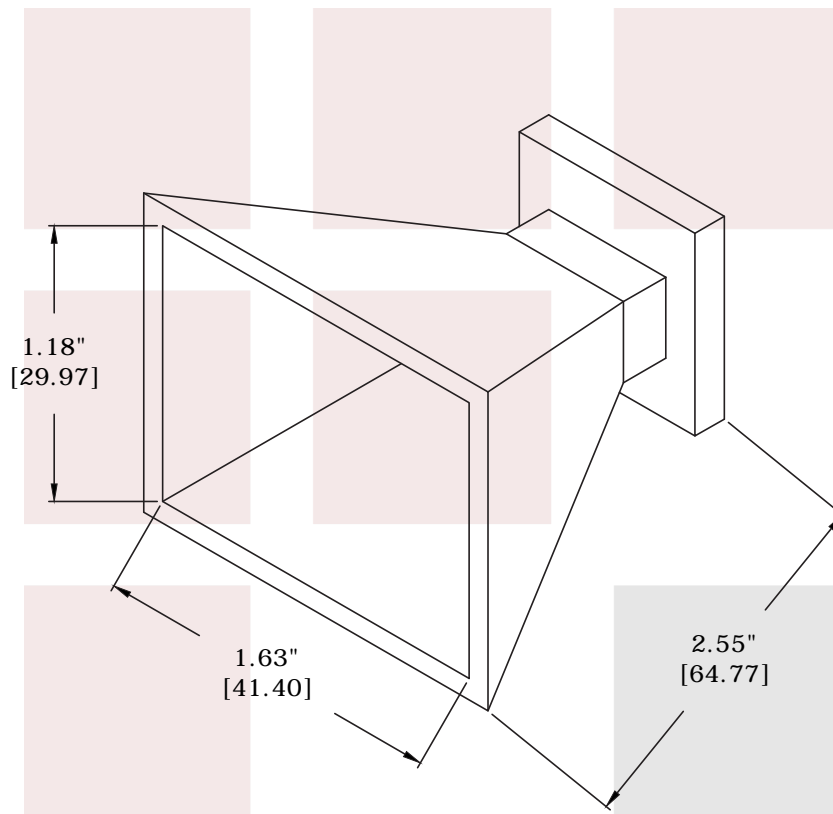
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TITLE WR-112 Standard Gain Horn With SMA Female Input and 10 dB Typical Gain Operating Within 7.05 GHz to 10 GHz Frequency Range		DWG NO <b>SMH112SR-10</b>		CAGE CODE <b>3FKR5</b>	
		CAD FILE 040416	SHEET	SCALE N/A	SIZE A



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CAD FILE	040416	SHEET	SCALE	N/A	SIZE A 5568