

**WR-42 Waveguide H-Bend Instrumentation Grade
Using UG595/U Flange With a 18 GHz to 26.5 GHz
Frequency Range**

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	18		26.5	GHz
VSWR			1.1:1	
Insertion Loss		0.1		dB

* Values at 25°C, sea level

Mechanical Specifications

Waveguide Size WR-42
Waveguide Design Instrumentation Grade

Flange 1

Interface UG595/U
Material Oxygen Free Hard Copper
Plating Hard Gold over Copper Flash

Waveguide

Interface WR-42
Material Oxygen Free Hard Copper
Plating Hard Gold over Copper Flash

Flange 2

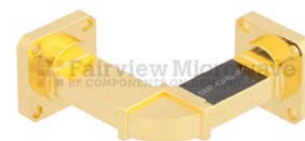
Interface UG595/U
Material Oxygen Free Hard Copper
Plating Hard Gold over Copper Flash

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

- Values at 25 °C, sea level



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sales@fairviewmicrowave.com

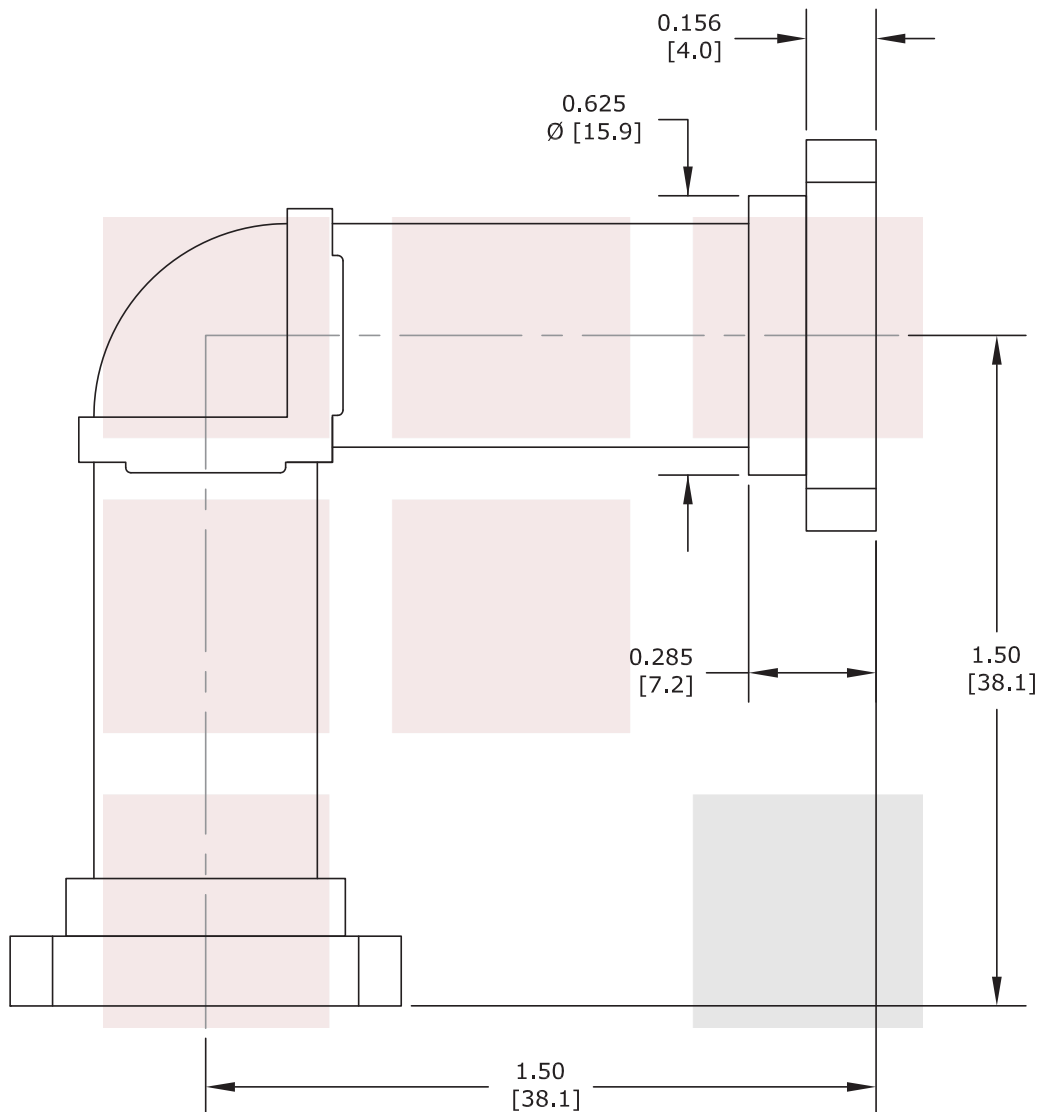
WR-42 Waveguide H-Bend Instrumentation Grade Using UG595/U Flange With a 18 GHz to 26.5 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-42 Waveguide H-Bend Instrumentation Grade Using UG595/U Flange With a 18 GHz to 26.5 GHz Frequency Range SMF-42HB-001](http://www.fairviewmicrowave.com/wr-42-waveguide-h-bend-ug595-u-flange-18-26.5-ghz-smf-42hb-001-p.aspx)

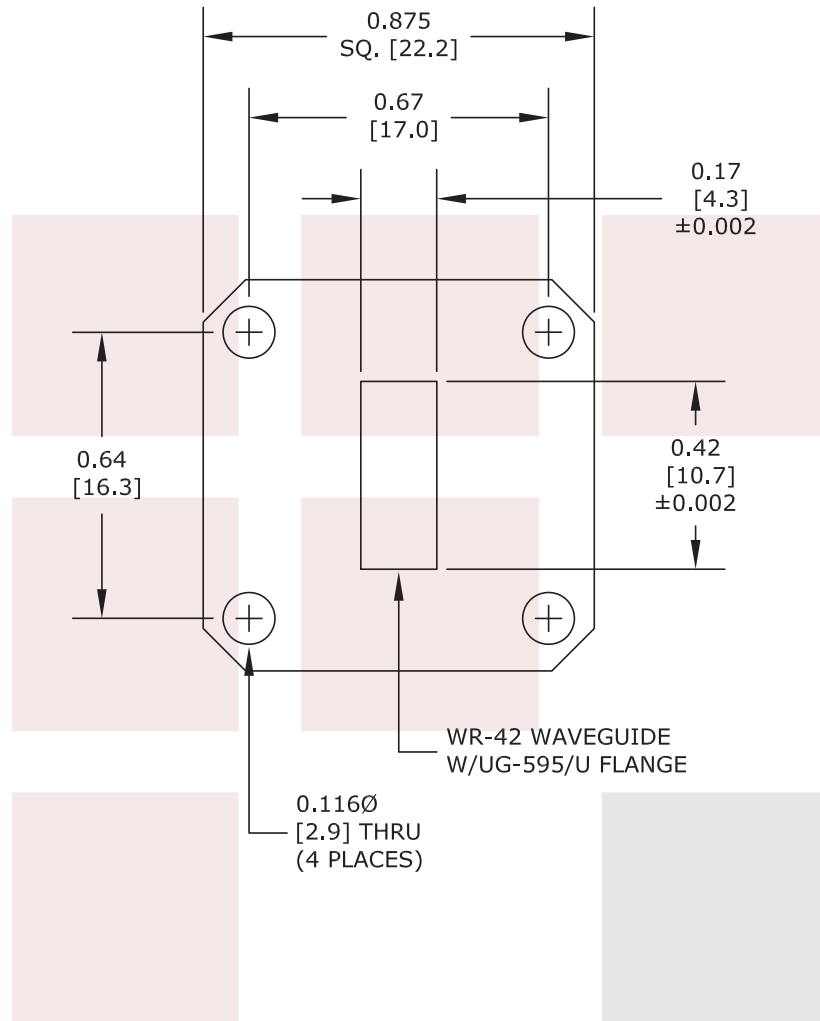
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. 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.





FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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 WR-42 Waveguide H-Bend Instrumentation Grade Using UG595/U Flange With a 18 GHz to 26.5 GHz Frequency Range	DWG NO SMF-42HB-001		CAGE CODE 3FKR5		
	CAD FILE 100614	SHEET	SCALE N/A	SIZE A	2233



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ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

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WR-42 Waveguide H-Bend Instrumentation Grade
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DWG NO	SMF-42HB-001		CAGE CODE		3FKR5
CAD FILE	100614	SHEET	SCALE	N/A	SIZE A 2233