

**WR-137 Waveguide H-Bend Commercial Grade
 Using UG-344/U Flange With a 5.85 GHz to 8.2 GHz
 Frequency Range**

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	5.85		8.2	GHz
VSWR			1.08:1	
Insertion Loss		0.15		dB

* Values at 25°C, sea level

Mechanical Specifications

Waveguide Size	WR-137
Waveguide Design	Commercial Grade
Flange 1	
Flange Type	Round Cover
Flange Designation	UG-344/U
Material	Copper Alloy
Plating	Paint
Waveguide	
Interface	WR-137
Material	Copper Alloy
Plating	Paint
Flange 2	
Flange Type	Round Cover
Flange Designation	UG-344/U
Material	Copper Alloy
Plating	Paint
Size	
Weight	1.507 lbs [683.56 g]

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

Plotted and Other Data

- Notes:
- Values at 25 °C, sea level



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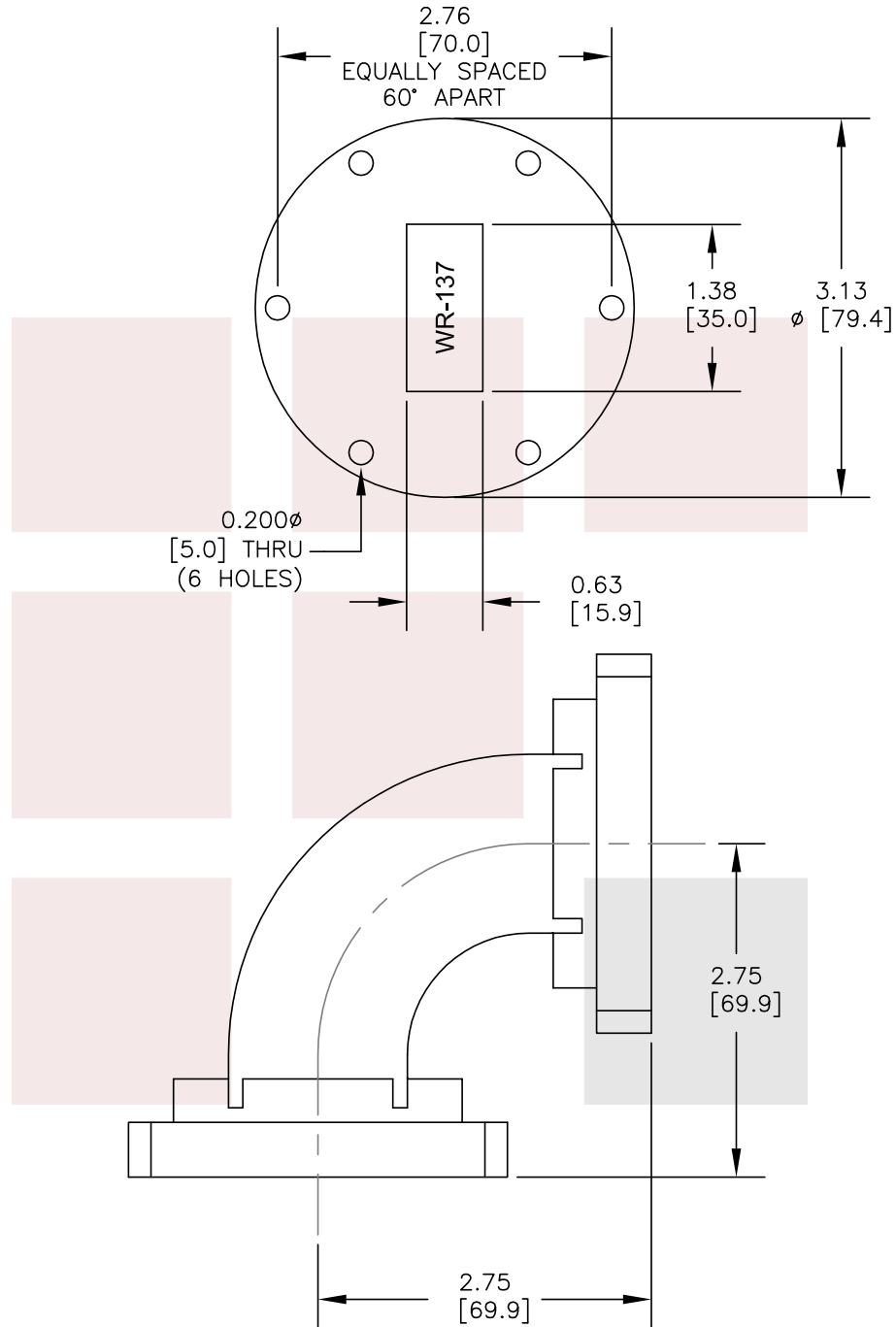
WR-137 Waveguide H-Bend Commercial Grade Using UG-344/U Flange With a 5.85 GHz to 8.2 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-137 Waveguide H-Bend Commercial Grade Using UG-344/U Flange With a 5.85 GHz to 8.2 GHz Frequency Range SMF137HB](#)

URL: <https://www.fairviewmicrowave.com/wr-137-waveguide-h-bend-ug-344-u-flange-5.85-8.2-ghz-smf137hb-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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TITLE WR-137 Waveguide H-Bend Commercial Grade Using UG-344/U Flange With a 5.85 GHz to 8.2 GHz Frequency Range		DWG NO SMF137HB		CAGE CODE 3FKR5	
CAD FILE	062714	SHEET	SCALE	N/A	SIZE A 150