

WR-62 Waveguide Termination 1 Watt with a 14.5 GHz to 17.8 GHz Frequency Range, Aluminum with UG Style Flange

The FMW62TR1003 is a WR-62 waveguide termination/load that operates in the frequency range of 14.5 GHz to 17.8 GHz. This WR-62 waveguide termination has a Max VSWR of 1.05:1. This waveguide termination design is made of painted aluminum and incorporates a standard UG Square Cover flange. In addition to waveguide termination product line, Fairview Microwave also offers a wide range of waveguide products which are available in stock and ready for same-day shipment.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	14.5		17.8	GHz
VSWR			1.05:1	
Input Power (CW)			1	Watt

Mechanical Specifications

Size	
Length	0.79 in [20.07 mm]
Width/Dia.	1.31 in [33.27 mm]
Height	1.31 in [33.27 mm]

Description	Flange	Waveguide
Designation	UG-1665/U	WR-62
Type	Square Cover	
Material	Aluminum	Aluminum
Plating	Chromate	Chromate
Finish		Grey paint

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C

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

Plotted and Other Data

Notes:



Features:

- WR-62 Waveguide
- Operating Frequency Range from 14.5 GHz to 17.8 GHz
- UG Square Cover Flange Flange
- 1.05:1 Max VSWR
- 1 Watts Average Power Handling

Applications:

- Radar Systems
- Military and Space
- Wireless Radio Systems
- Telecom Infrastructure
- Communication Systems
- R&D Labs
- Microwave Radio Systems

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

WR-62 Waveguide Termination 1 Watt with a 14.5 GHz to 17.8 GHz Frequency Range, Aluminum with UG Style Flange 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

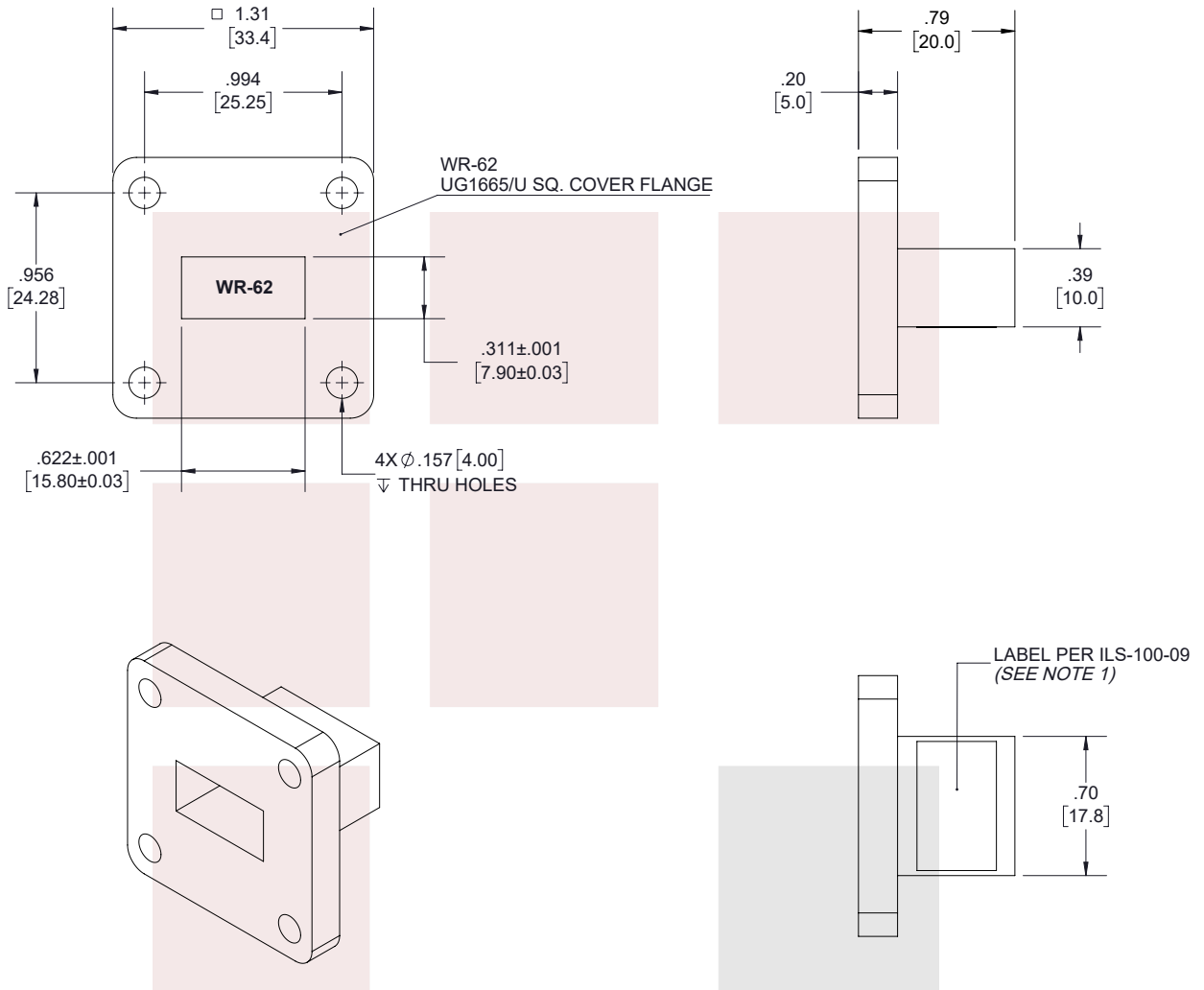
For additional information on this product, please click the following link: [WR-62 Waveguide Termination 1 Watt with a 14.5 GHz to 17.8 GHz Frequency Range, Aluminum with UG Style Flange FMW62TR1003](#)

URL: <https://www.fairviewmicrowave.com/wr-62-waveguide-termination-1-watts-instrumentation-grade-14.5-17.8-ghz-fmw62tr1003-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	3/22/2021	S.PONG



NOTES:

- LABEL PER ILS-100-09. FOR INTERNAL USE ONLY.
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	<p>TITLE</p> <p>WR-62 Waveguide Termination 1 Watt with a 14.5 GHz to 17.8 GHz Frequency Range, Aluminum with UG Style Flange</p>		<p>SHEET 1 OF 1</p> <p>SCALE N/A</p>			
<p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p>		<p>SIZE A</p>	<p>CAGE CODE 3FKR5</p>	<p>DRAWN BY K.DANG</p>	<p>ITEM NO. FMW62TR1003</p>	<p>REV A</p>

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