

## WR-42 Waveguide Gasket For UG Square Cover Flanges, Conductive Silicone Elastomer



### FMW42CG01

#### Features

- WR-42
- Conductive
- Silicone Rubber
- For UG Square Cover Flanges

#### Applications

- Satellite Communications
- Radar Systems
- Test and Laboratory Setups

#### Description

This conductive gasket is designed to connect two waveguide flanges using stainless steel screws and washers. The FMW42CG01 gasket is specifically made for WR-42 UG Square Cover waveguide flanges. The gasket itself is made of Conductive Silicone Rubber, providing a durable and flexible seal.

Fairview Microwave has waveguide gaskets (both conductive and non-conductive), screws and other accessories that you need for your waveguides. Often people can forget to order items like screws or waveguide supports. Fairview Microwave has a full line of waveguide accessories available for same day shipment so that you do not have to wait for weeks to get your system working.

#### Mechanical Specifications

Body Material	Conductive Silicone Rubber
Length	0.88 in [22.35 mm]
Width	0.88 in [22.35 mm]
Height	0.03 in [0.76 mm]
Weight	3.5 lbs [1.59 kg]

#### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to 70 deg C

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

WR-42 Waveguide Gasket For UG Square Cover Flanges, Conductive Silicone Elastomer 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.

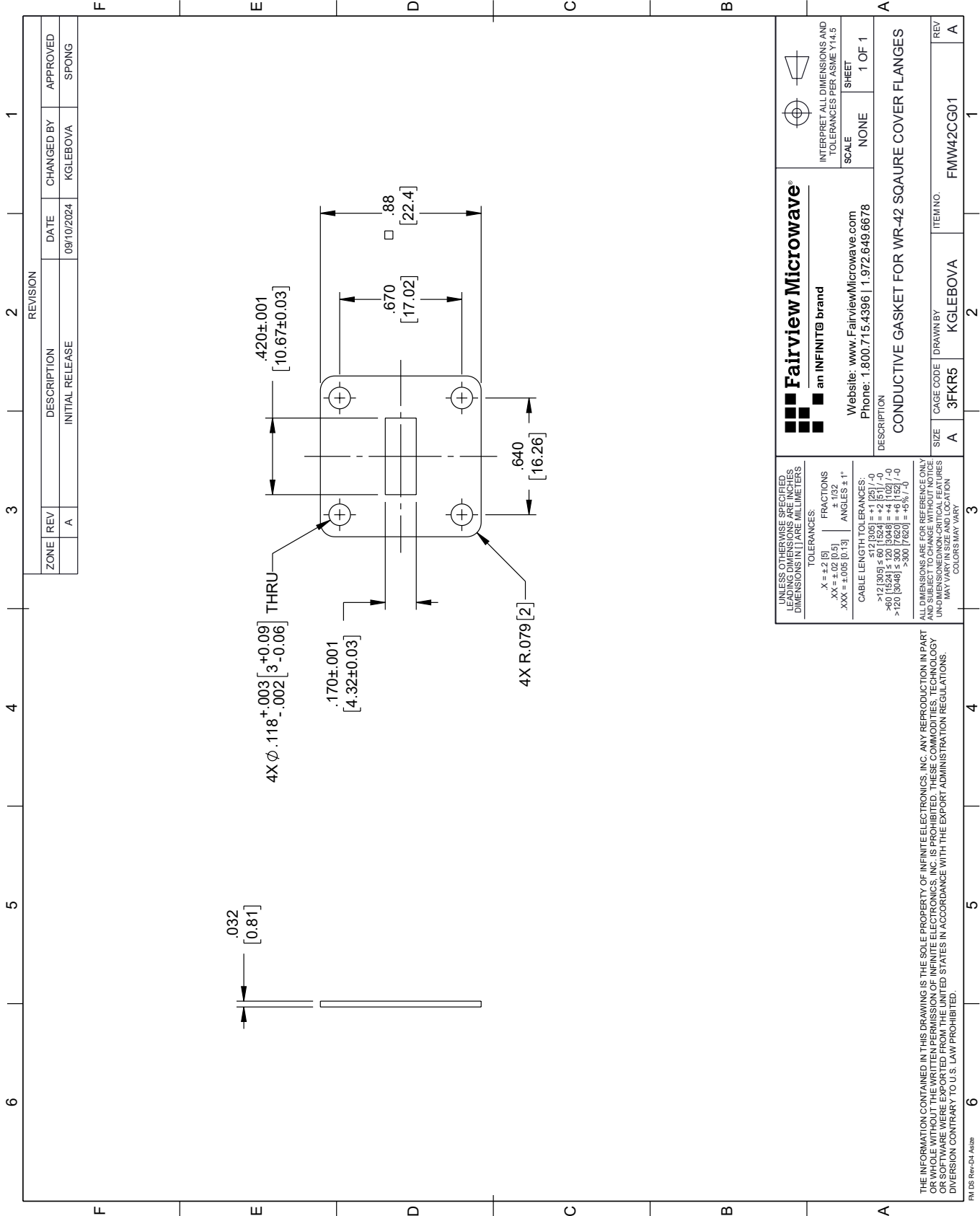
For additional information on this product, please click the following link: [WR-42 Waveguide Gasket For UG Square Cover Flanges, Conductive Silicone Elastomer FMW42CG01](#)

URL: <https://www.fairviewmicrowave.com/wr-42-waveguide-gasket-for-ug-square-cover-flanges-conductive-silicone-elastomer-fmw42cg01-p.aspx>

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# FMW42CG01 CAD Drawing

WR-42 Waveguide Gasket For UG Square Cover Flanges, Conductive Silicone Elastomer



REVISION		DATE	CHANGED BY	APPROVED	
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	09/10/2024	KGLEBOVA	SPONG

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an INFINITI® brand

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Phone: 1.800.715.4396 | 1.972.649.6678

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE MILLIMETERS.

TOLERANCES:  
 .X = ±.2 [5]      FRACTIONS ± 1/32  
 .XX = ±.02 [0.5]      ANGLES ± 1°  
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:  
 <12 [305] ≤ 60 [1524] = ±1 [25] / -0  
 >60 [1524] ≤ 120 [3048] = ±4 [102] / -0  
 >120 [3048] ≤ 300 [7620] = ±5% / 0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE      SHEET: 1 OF 1

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PM DS Rev-D4 Alt2b

DESCRIPTION	SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
CONDUCTIVE GASKET FOR WR-42 SQUARE COVER FLANGES	A	3FKR5	KGLEBOVA	FMW42CG01	A