

WR-51 Waveguide Gasket For FBP Square Cover Flanges, Conductive Silicone Elastomer



FMW51CG01

Features

- WR-51
- Conductive
- Silicone Rubber
- For FBP 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 FMW51CG01 gasket is specifically made for WR-51 FBP 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	1.19 in [30.23 mm]
Width	1.19 in [30.23 mm]
Height	0.03 in [0.76 mm]
Weight	3.5 lbs [1.59 kg]

Environmental Specifications

Temperature Operating Range	-40 to 70 deg C
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Compliance Certifications (see [product page](#) for current document)

WR-51 Waveguide Gasket For FBP 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.

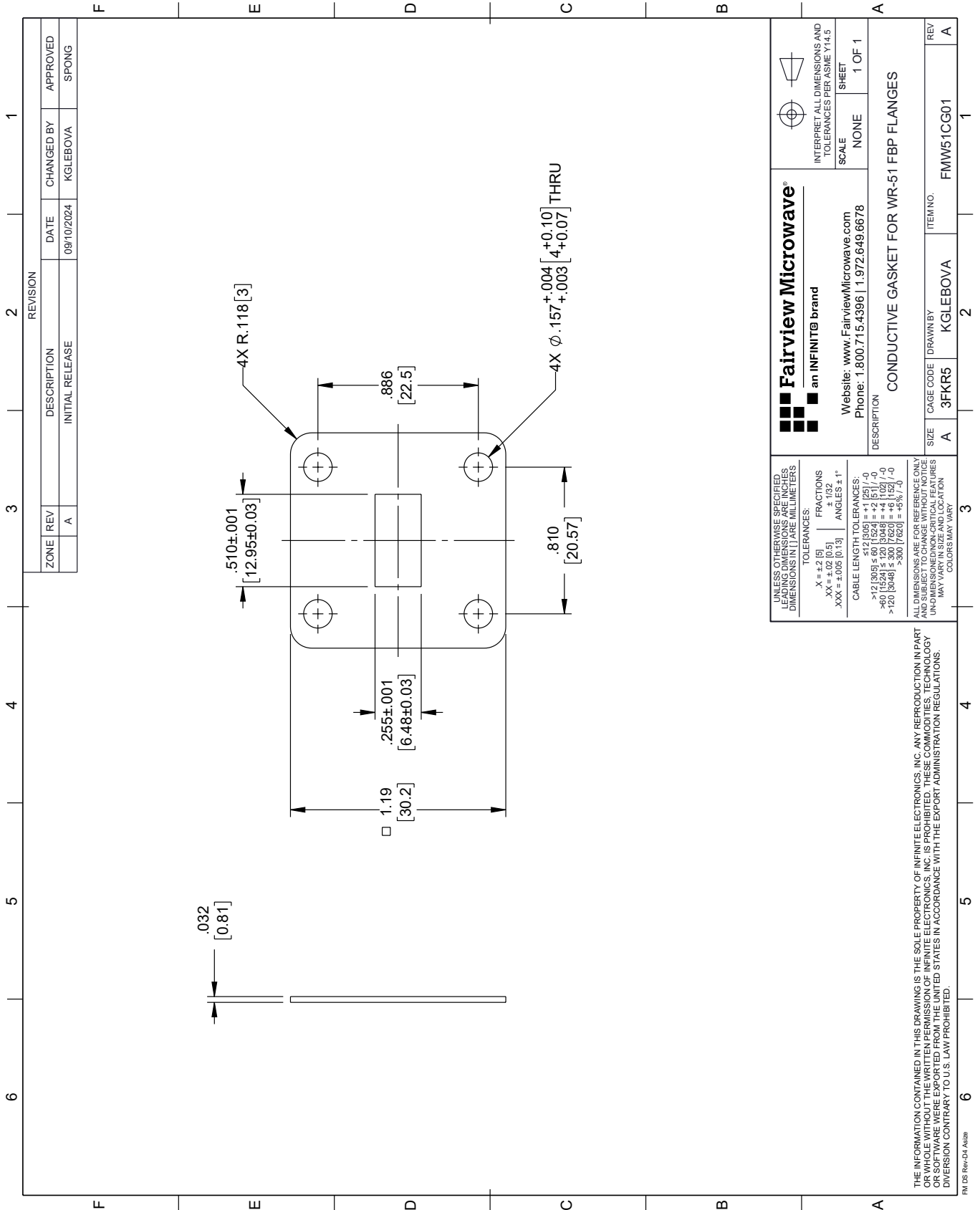
For additional information on this product, please click the following link: [WR-51 Waveguide Gasket For FBP Square Cover Flanges, Conductive Silicone Elastomer FMW51CG01](#)

URL: <https://www.fairviewmicrowave.com/wr-51-waveguide-gasket-for-fbp-flanges-conductive-silicone-elastomer-fm-w51cg01-p.aspx>

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FMW51CG01 CAD Drawing

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

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE

SHEET: 1 OF 1

DESCRIPTION: CONDUCTIVE GASKET FOR WR-51 FBP FLANGES

ITEM NO.: FMW51CG01

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	KGLEBOVA	FMW51CG01	A

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND TRAILING 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. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TRAILING DIMENSIONS IN [] ARE MILLIMETERS. COLORS MAY VARY.

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