

WR-42 Waveguide Shim, 2mm Brass UG-Cover Square Flange

FMW42FS2 is a WR-42 waveguide shim with operating frequency range from 17.6 GHz to 26.7 GHz. This waveguide shim is fabricated with 2 mm thick brass by high precision manufacturing process. FMW42FS2 can be used to bridge gaps between WR-42 waveguide components with UG-Cover Square flanges. Fairview Microwave offers wide selection of waveguide components with high performance available in stock and same-day shipping to customers worldwide.

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	17.6		26.7	GHz

Mechanical Specifications

Body Material	Brass
Body Finish	Gold Plating
Length	0.079 in [2.01 mm]
Width	0.882 in [22.4 mm]
Height	0.882 in [22.4 mm]
Weight	0.044 lbs [19.96 g]

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

WR-42 Waveguide Shim, 2mm Brass UG-Cover Square 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-42 Waveguide Shim, 2mm Brass UG-Cover Square Flange FMW42FS2](#)

URL: <https://www.fairviewmicrowave.com/wr-42-waveguide-shim-2-mm-brass-ug-cover-square-fmw42fs2-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.

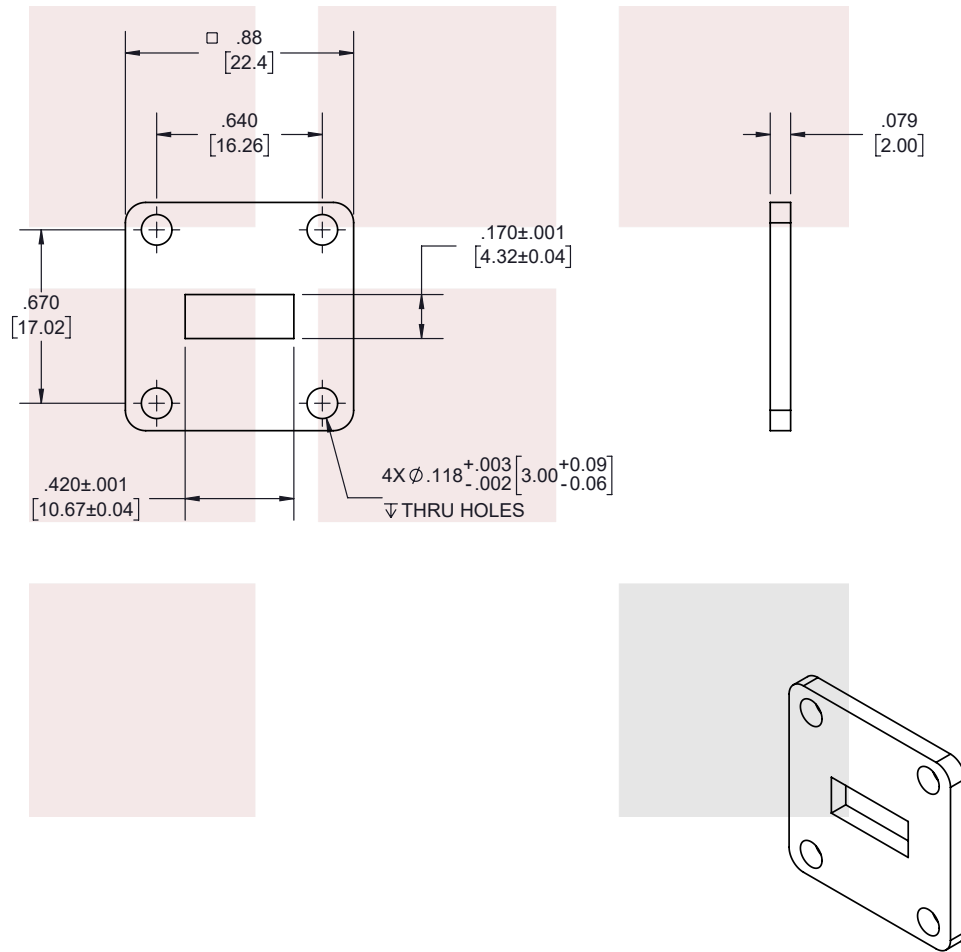


Features:

- WR-42 Waveguide Shim
- Square UG-Cover Flange Configuration
- Frequency Range: 17.6 GHz to 26.7 GHz
- 2 mm Thick Brass Construction

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	4/11/2022	S. PONG



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TITLE
WR-42 Waveguide Shim, 2mm Brass UG-Cover Square Flange

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

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [.13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
		300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.DANG	ITEM NO. FMW42FS2	REV A
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