

**WR-159 Waveguide Shim with 7mm Aluminum CPR-159F Flange**

FMW159FS7 is a WR-159 waveguide shim with operating frequency range from 4.64 GHz to 7.05 GHz. This waveguide shim is fabricated with 7 mm thick aluminum by high precision manufacturing process. FMW159FS7 can be used to bridge gaps between WR-159 waveguide components with CPR-187F flanges. Fairview Microwave offers wide selection of waveguide components with high performance available in stock and same-day shipping to customers worldwide.

**Mechanical Specifications**

Body Material	Aluminum
Body Finish	Anticorrosion grey paint
Length	0.276 in [7.01 mm]
Width	3.189 in [81 mm]
Height	1.75 in [44.45 mm]
Weight	0.331 lbs [150.14 g]

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

WR-159 Waveguide Shim with 7mm Aluminum CPR-159F 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-159 Waveguide Shim with 7mm Aluminum CPR-159F Flange FMW159FS7](#)

URL: <https://www.fairviewmicrowave.com/undefined-url-for-pn-fmw159fs7-fmw159fs7-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.

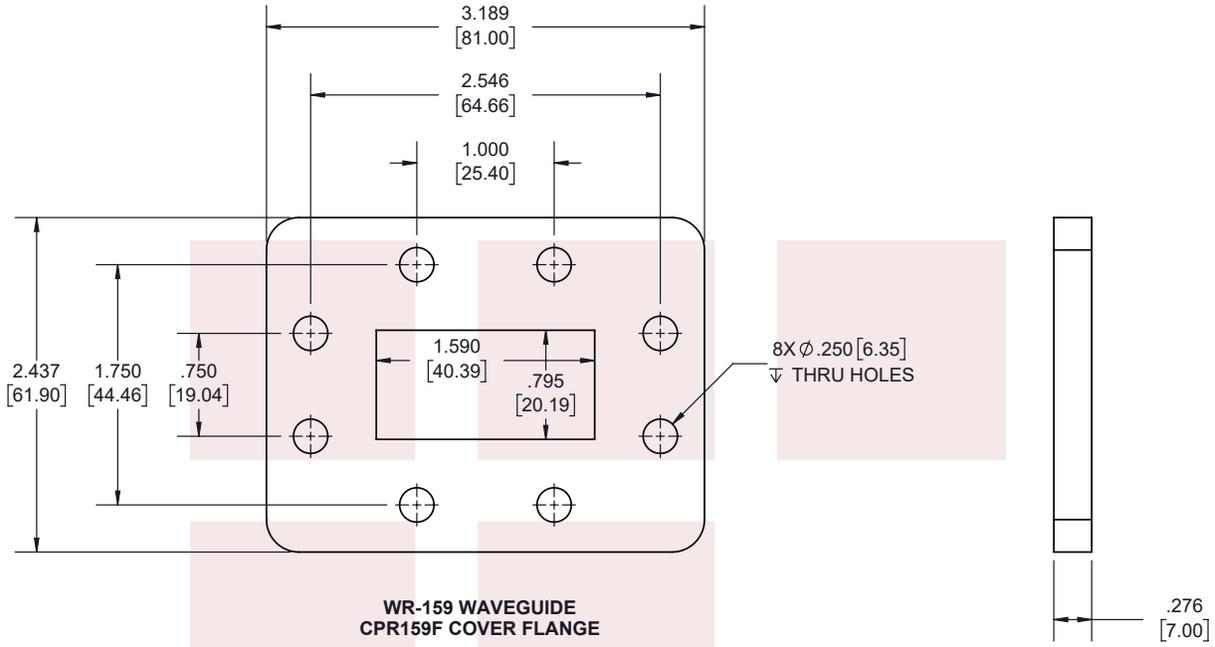


**Features:**

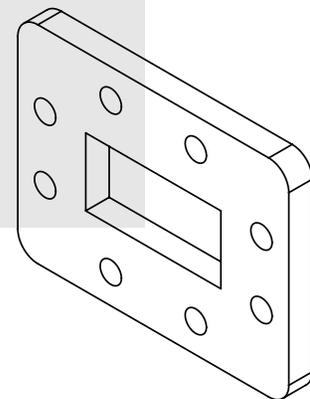
- WR-159 Waveguide Shim
- CPR-159F Flange Configuration
- Frequency Range: 4.64 GHz to 7.05 GHz
- 7 mm Thick Aluminum Construction

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2/3/2020	S.PONG



**WR-159 WAVEGUIDE  
CPR159F COVER FLANGE**



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TITLE  
WR-159 Waveguide Shim with 7mm Aluminum CPR-159F Flange

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

TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
.X = ±.2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0	
.XX = ±.02 [.51]		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  
THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.					SCALE	N/A
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV		
A	3FKR5	K.DANG	FMW159FS7	A		

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