

## WR-159 Waveguide Short Plate with 7mm Aluminum and CPR-159F Flange

FMW159SP7 is a fixed WR-159 waveguide short (shorting plate) with operating frequency range from 4.64 GHz to 7.05 GHz. This waveguide short is fabricated with 7 mm thick aluminum by high precision manufacturing process. FMW159SP7 has the same configuration as CPR-159F flange and provides high reflection short circuit for WR-159 waveguide components. Along with Fairview Microwave's waveguide shim products, the waveguide short is ideal for TRL (Thru, Reflect, Line) calibration for RF test instruments. Fairview Microwave offers a 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	2.437 in [61.9 mm]
Weight	0.331 lbs [150.14 g]

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

WR-159 Waveguide Short Plate with 7mm Aluminum and 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 Short Plate with 7mm Aluminum and CPR-159F Flange FMW159SP7](#)

URL: <https://www.fairviewmicrowave.com/undefined-url-for-pn-fmw159sp7-fmw159sp7-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.

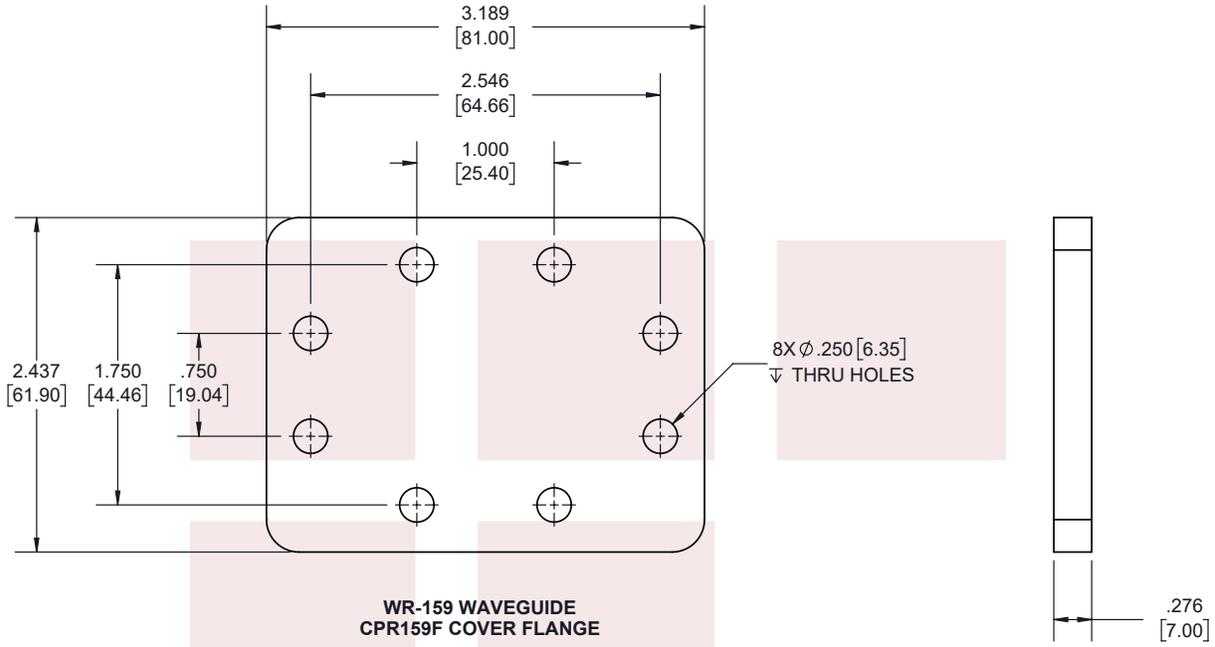


### Features:

- WR-159 Waveguide Short Plate
- CPR-159F Flange Configuration
- Frequency Range: 4.64 GHz to 7.05 GHz
- Min VSWR: 60:1
- 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 Short Plate with 7mm Aluminum and CPR-159F Flange

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

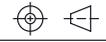
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS ± 1/32  
.XX = ±.02 [.51] ANGLES ± 1°  
.XXX = ±.005 [.13]

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0  
12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
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. FMW159SP7	REV A
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