

WR-430 Waveguide Short Plate with 10mm Aluminum and CPR-430F Flange

FMW430SP10 is a fixed WR-430 waveguide short (shorting plate) with operating frequency range from 1.72 GHz to 2.61 GHz. This waveguide short is fabricated with 10 mm thick aluminum by high precision manufacturing process. FMW430SP10 has the same configuration as CPR-430F flange and provides high reflection short circuit for WR-430 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	0.394 in [10.01 mm]
Width	6.343 in [161.11 mm]
Height	4.189 in [106.4 mm]
Weight	1.213 lbs [550.21 g]

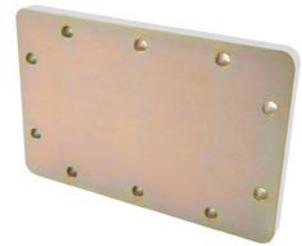
Compliance Certifications (see [product page](#) for current document)

WR-430 Waveguide Short Plate with 10mm Aluminum and CPR-430F 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-430 Waveguide Short Plate with 10mm Aluminum and CPR-430F Flange FMW430SP10](#)

URL: <https://www.fairviewmicrowave.com/undefined-url-for-pn-fmw430sp10-fmw430sp10-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.

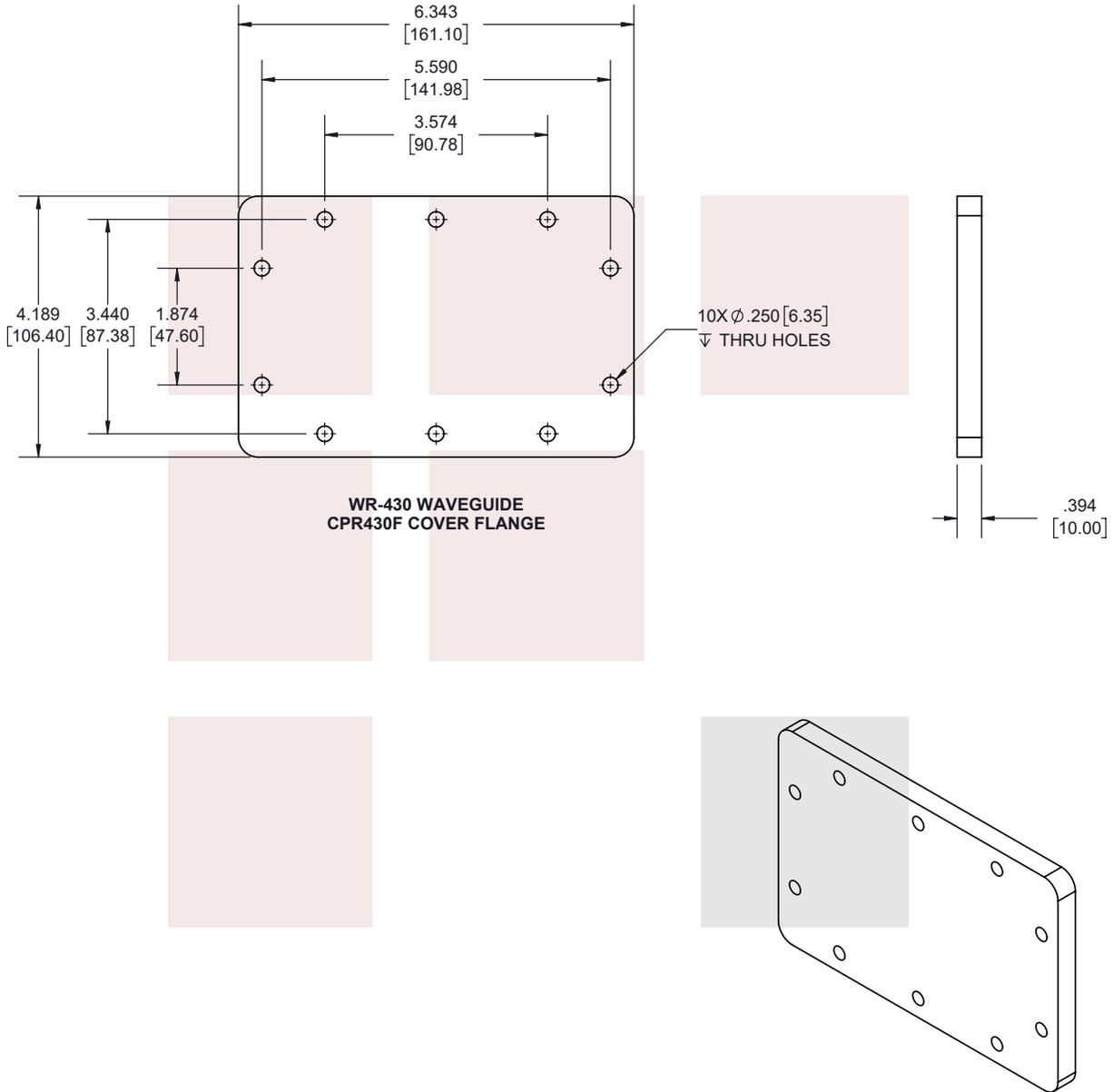


Features:

- WR-430 Waveguide Short Plate
- CPR-430F Flange Configuration
- Frequency Range: 1.72 GHz to 2.61 GHz
- Min VSWR: 60:1
- 10 mm Thick Aluminum Construction

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2/4/2020	S.PONG



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TITLE
WR-430 Waveguide Short Plate with 10mm Aluminum and CPR-430F Flange

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

TOLERANCES:

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

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. FMW430SP10	REV A
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