

WR-62 Square Cover Flange to N Male Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz

The FMWCA9806 is a waveguide to coaxial adapter with a 12.4 to 18 GHz frequency range. This adapter offers a WR-62 waveguide interface size coupled with a precision tolerance square cover flange. The FMWCA9806 is constructed of aluminum to ensure durability and repeatable RF performance.

Configuration

Waveguide Size	WR-62
Flange	Square Cover
RF Connector	N Male
Impedance	50 Ohms
Body Geometry	Right Angle

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	12.4		18	GHz
VSWR			1.3:1	

Mechanical Specifications

Size

Length	1 in [25.4 mm]
Width	1.31 in [33.27 mm]
Height	1.79 in [45.47 mm]
Weight	0.15 lbs [68.04 g]

RF Connector

Connector Type	N Male
Body Material and Plating	Passivated Stainless Steel

Waveguide Interface

Waveguide Type	WR-62
Flange Type	Square Cover
Body Material and Plating	Aluminum

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

Plotted and Other Data

Notes:

- Values at +25 °C, sea level unless stated otherwise



Features:

- 12.4 to 18 GHz Frequency Range
- WR-62 Waveguide Interface
- Square Cover Flange
- N Male RF Interface
- Right Angle

Applications:

- Test Benches
- Radar
- Satellite
- Microwave Radio Systems
- Military and Space
- Communication Systems

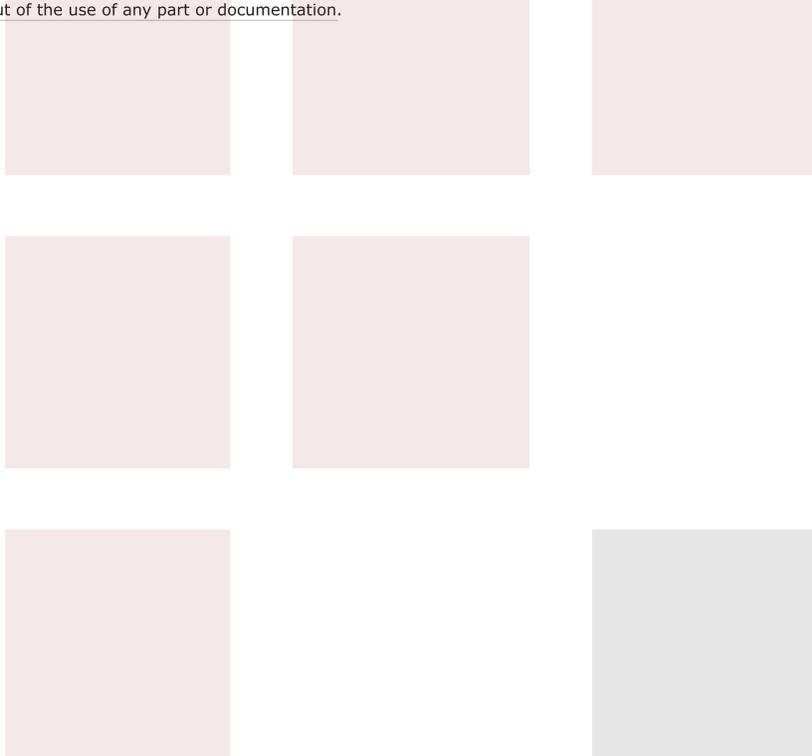
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WR-62 Square Cover Flange to N Male Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

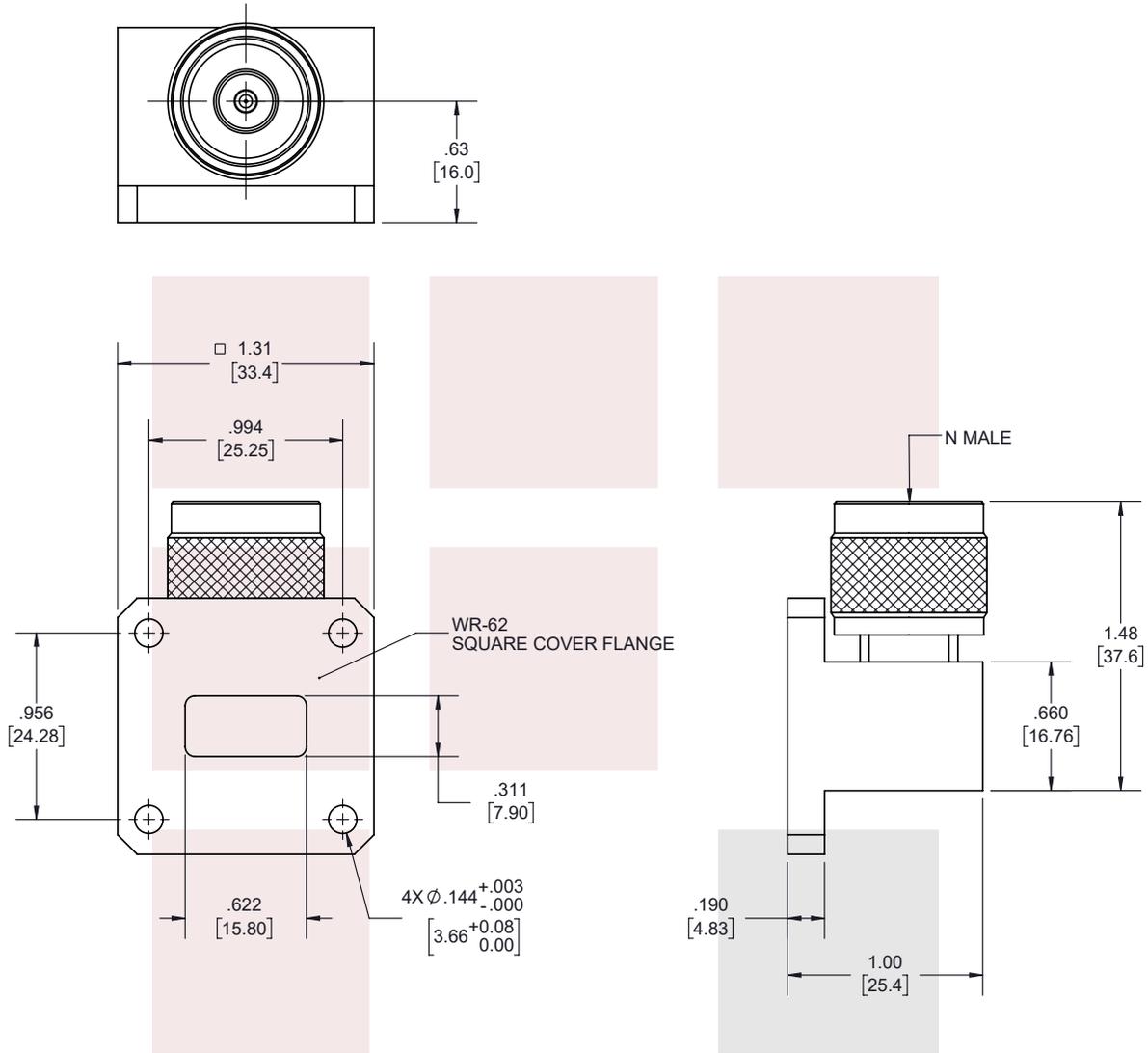
For additional information on this product, please click the following link: [WR-62 Square Cover Flange to N Male Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz FMWCA9806](#)

URL: <https://www.fairviewmicrowave.com/wr62-type-n-male-waveguide-coax-adapter-square-fmwca9806-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	3/14/2022	S. PONG



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TITLE
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		THIRD-ANGLE PROJECTION	
TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
X = ± 2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0	THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.
.XX = ± 02 [.51]	ANGLES ± 1°	12 [305] < L ≤ 60 [1524] = +2 [51] / -0	
XXX = ± .005 [.13]		60 [1524] < L ≤ 120 [3048] = +4 [102] / -0	
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			300 [7620] < L = +5%L / -0
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	K.DANG	FMWCA9806
SHEET 1 OF 1			SCALE N/A
REV A			

