

**WR-62 to SMA Female Waveguide to Coax Adapter
 Square Cover Flange With 12.4 GHz to 18 GHz Fre-
 quency Range For Ku Band**

The 62AC206 is a waveguide to coaxial adapter with a frequency range of 12.4 to 18 GHz, operating in the Ku band. This adapter offers a precision tolerance square cover flange and a WR-62 waveguide interface size. 62AC206 is constructed of aluminum to ensure durability and repeatable RF performance. The SMA female connector mates with commercially available 2.92mm and 3.5mm connectors.

Configuration

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

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	12.4		18	GHz
VSWR			1.25:1	

Mechanical Specifications

Size	
Length	0.79 in [20.07 mm]
Width	1.31 in [33.27 mm]
Height	1.31 in [33.27 mm]
Weight	0.0414 lbs [18.78 g]

RF Connector	
Connector Type	SMA Female
Contact Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Passivated Stainless Steel

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

Environmental Specifications

Temperature	
Operating Range	-55 to +120 deg C

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

Plotted and Other Data

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

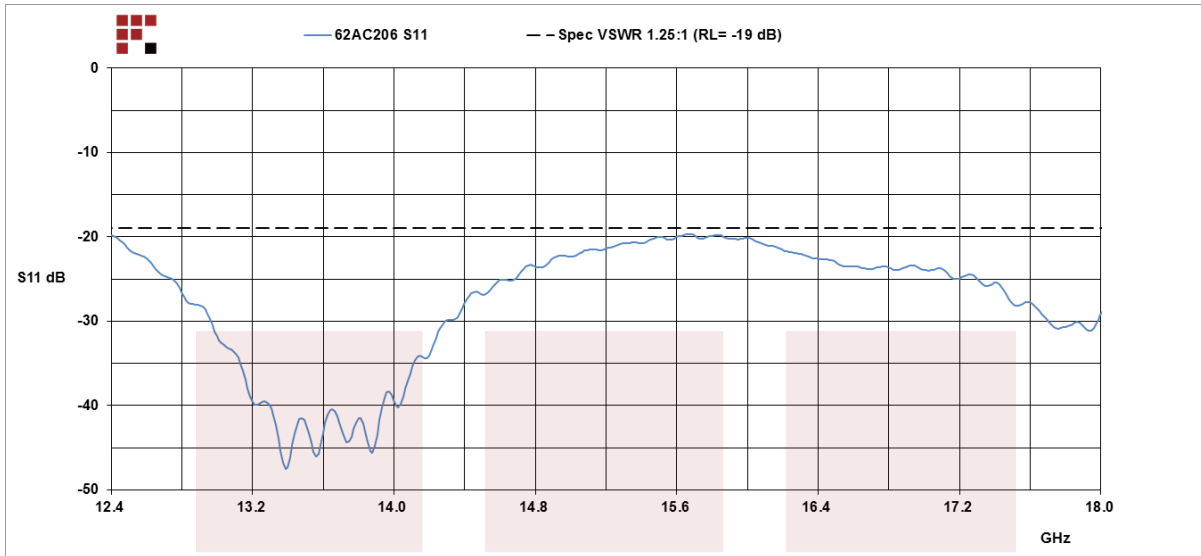


Features:

- Ku Band, 12.4 to 18 GHz Frequency Range
- WR-62 Waveguide Interface with Square Cover Flange
- SMA Female Coaxial Interface
- Comprehensive waveguide offerings also include E-Bends, H-Bends, Sections, Filters, Terminations, Couplers, and more.

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Typical Performance Data

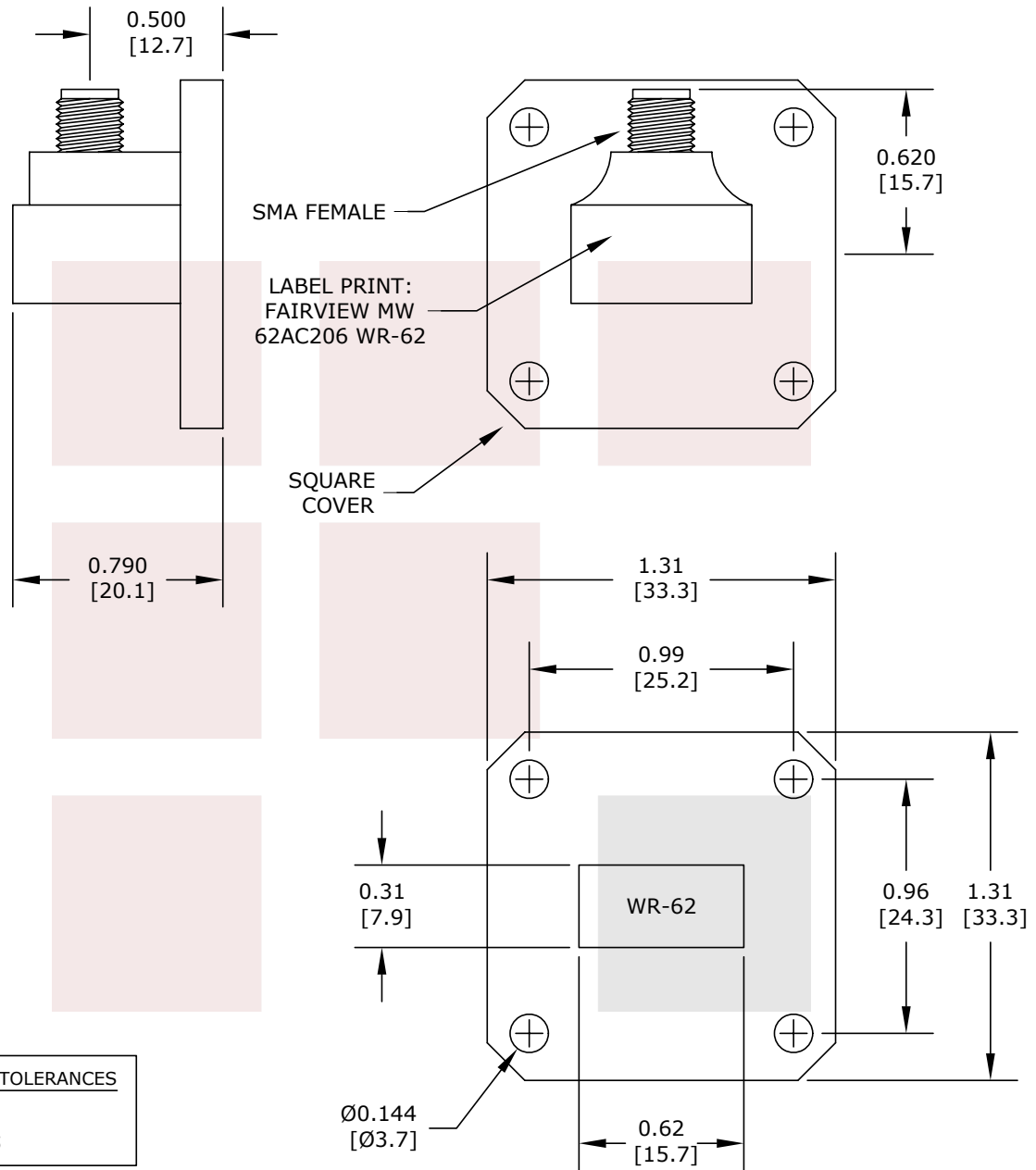


WR-62 to SMA Female Waveguide to Coax Adapter Square Cover Flange With 12.4 GHz to 18 GHz Frequency Range For Ku Band from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-62 to SMA Female Waveguide to Coax Adapter Square Cover Flange With 12.4 GHz to 18 GHz Frequency Range For Ku Band 62AC206](https://www.fairviewmicrowave.com/wr-62-sma-female-connector-waveguide-coax-adapter-12.4-18-ghz-62ac206-p.aspx)

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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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TITLE WR-62 to SMA Female Waveguide to Coax Adapter Square Cover Flange With 12.4 GHz to 18 GHz Frequency Range For Ku Band		DWG NO 62AC206		CAGE CODE 3FKR5	
CAD FILE	072216	SHEET	SCALE	N/A	SIZE A 3045