

**WR-42 to SMA Female Waveguide to Coax Adapter
 Flange With 18 GHz to 26.5 GHz Frequency Range**

Configuration

Waveguide Size	WR-42
RF Connector	SMA Female
Impedance	50 Ohms
Body Geometry	Right Angle

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	18		26.5	GHz
VSWR			1.3:1	

Mechanical Specifications

Size

Length	0.62 in [15.75 mm]
Width	0.88 in [22.35 mm]
Height	0.88 in [22.35 mm]
Weight	0.02205 lbs [10 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-42
Body Material and Plating	Aluminum

Environmental Specifications

Temperature

Operating Range	-55 to 120 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	
REACH Compliant	06/16/2014

Plotted and Other Data

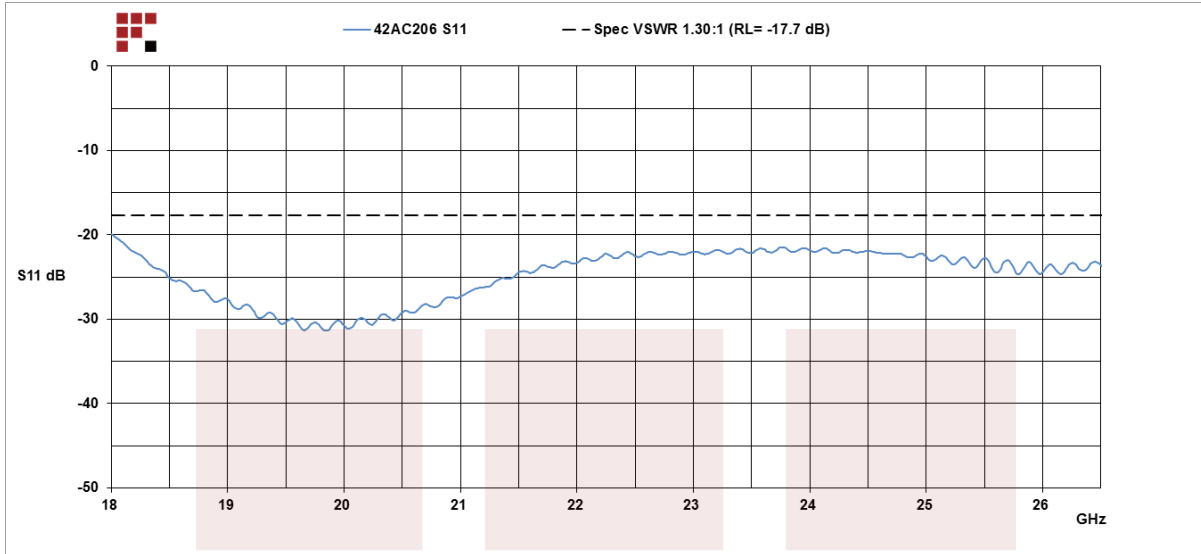
Notes:

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



Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data

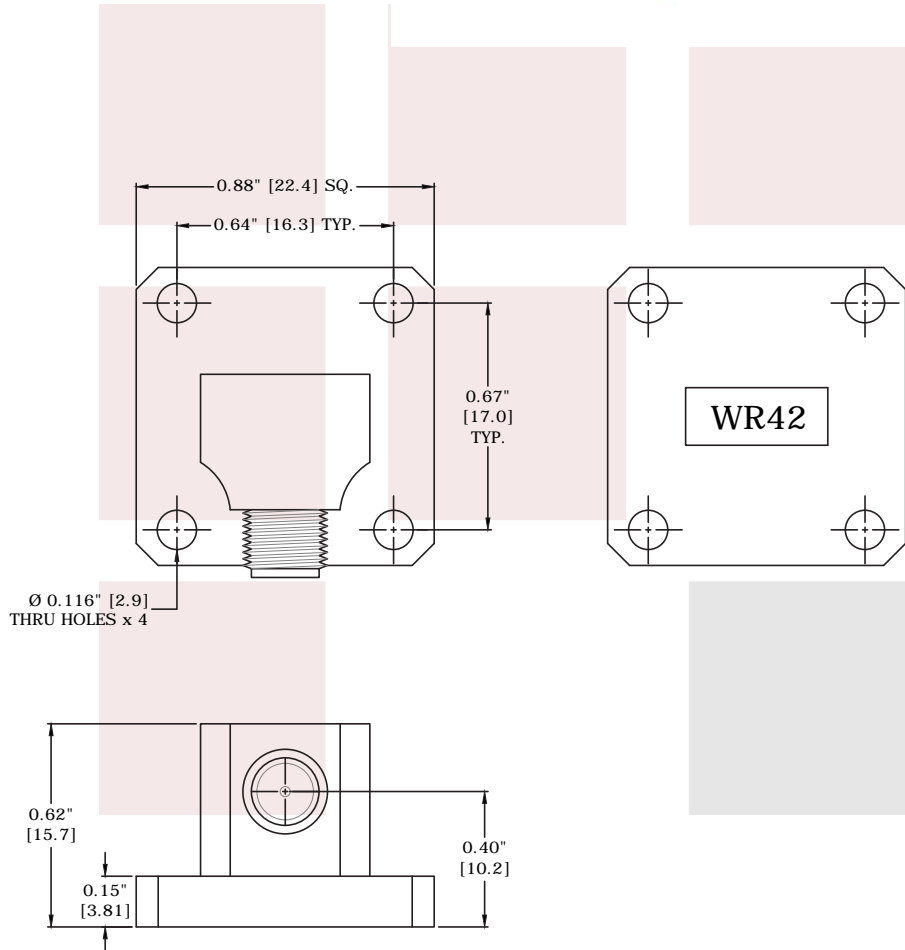


WR-42 to SMA Female Waveguide to Coax Adapter Flange With 18 GHz to 26.5 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-42 to SMA Female Waveguide to Coax Adapter Flange With 18 GHz to 26.5 GHz Frequency Range 42AC206](#)

URL: <http://www.fairviewmicrowave.com/wr-42-sma-waveguide-coax-adapter-26.5-ghz-42ac206-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.



FAIRVIEW MICROWAVE INC.
 ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

NOTES:
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].

TITLE		DWG NO		CAGE CODE	
WR-42 to SMA Female Waveguide to Coax Adapter Flange With 18 GHz to 26.5 GHz Frequency Range		42AC206		3FKR5	
CAD FILE	020116	SHEET	SCALE	SIZE	5568
			N/A	A	