

**WR-75 to SMA Female Waveguide to Coax Adapter
 Square Cover Flange With 10 GHz to 15 GHz Fre-
 quency Range**

Configuration

Waveguide Size	WR-75
Flange	Square Cover
RF Connector	SMA Female
Body Geometry	Right Angle

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	10		15	GHz
VSWR			1.25:1	
Insertion Loss			0.25	dB

Mechanical Specifications

Size

Length	1.189 in [30.2 mm]
Width	1.5 in [38.1 mm]
Height	1.5 in [38.1 mm]
Weight	0.0675 lbs [30.62 g]

RF Connector

Connector Type	SMA Female
Specification	30μ" Minimum
Contact Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Passivated Stainless Steel
Torque	8 in-lbs [0.9 Nm]

Waveguide Interface

Waveguide Type	WR-75
Flange Type	Square Cover
Body Material and Plating	Aluminum

Environmental Specifications

Temperature

Operating Range	-55 to +120 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

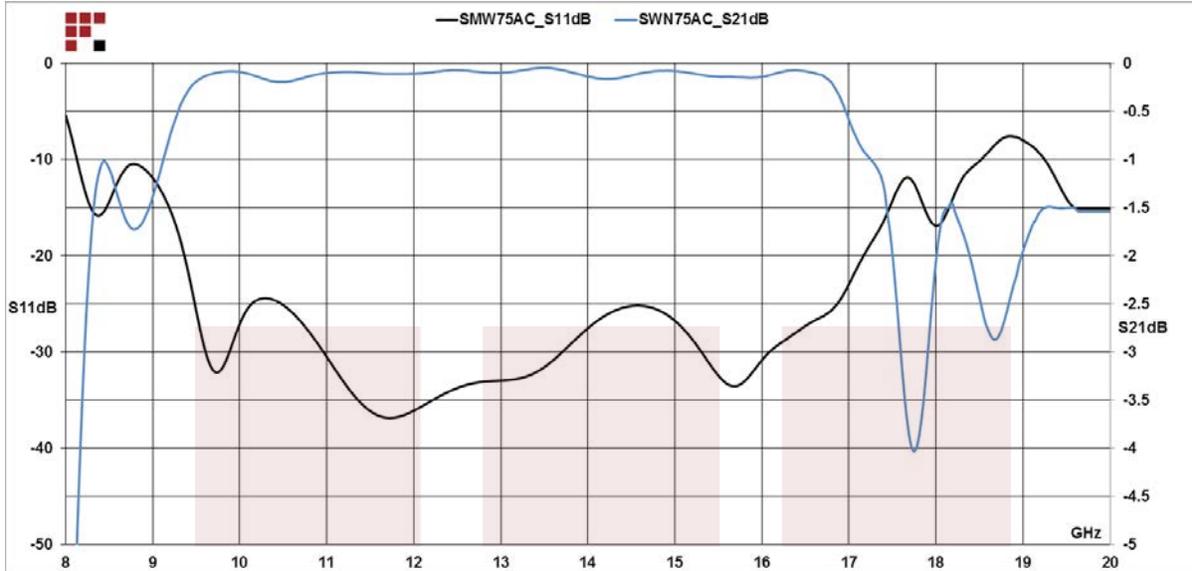
Notes:

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



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Typical Performance Data

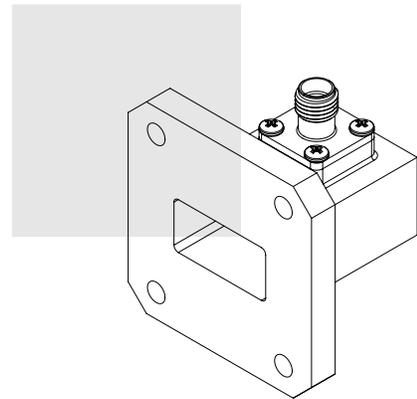
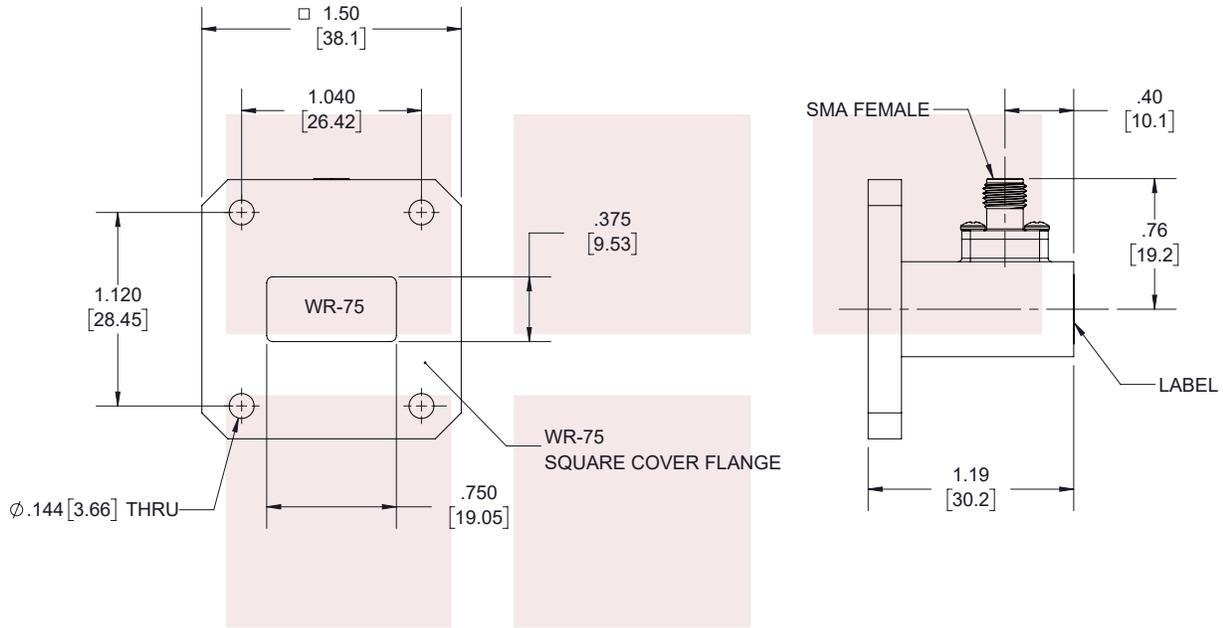


WR-75 to SMA Female Waveguide to Coax Adapter Square Cover Flange With 10 GHz to 15 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-75 to SMA Female Waveguide to Coax Adapter Square Cover Flange With 10 GHz to 15 GHz Frequency Range SMW75AC](#)

URL: <https://www.fairviewmicrowave.com/wr-75-sma-female-connector-waveguide-coax-adapter-10-15-ghz-smw75ac-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.



LABEL

Fairview Microwave
 RF COMPONENTS ON DEMAND. *Done!*
 www.FAIRVIEWMICROWAVE.com
SMW75AC
 10.0 GHz - 15.0 GHz

STANDARD TOLERANCES

.X ±0.2
 .XX ±0.01
 .XXX ±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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
 WR-75 to SMA Female Waveguide to Coax Adapter
 Square Cover Flange With 10 GHz to 15 GHz
 Frequency Range

DWG NO	SMW75AC		CAGE CODE			3FKR5		
CAD FILE	030818	SHEET	1 OF 1	SCALE	N/A	SIZE	A	7361