

WR-75 to SMA Female End Launch Waveguide to Coax Adapter Square Cover with 10 GHz to 15 GHz M Band in Aluminum, Paint

The FMWCA1073 is a waveguide to coaxial adapter operating in the M Band with a 10 to 15 GHz frequency range. This adapter offers a WR-75 waveguide interface size using a standard Square Cover Flange. The FMWCA1073 is constructed of Aluminum Alloy and painted to ensure durability. The coaxial connector offered by this adapter uses a SMA Female Connector.

Configuration

Waveguide Size	WR-75
Flange	Square Cover
RF Connector	SMA Female
Impedance	50 Ohms
Body Geometry	End Launch

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	10		15	GHz
VSWR		1.3:1		

Mechanical Specifications

RF Connector	
Connector Type	SMA Female
Waveguide Interface	
Waveguide Type	WR-75
Flange Type	Square Cover
Body Material and Plating	Aluminum, Paint

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

Plotted and Other Data

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



Features:

- M Band
- 10 to 15 GHz Frequency Range
- WR-75 Waveguide Interface
- Square Cover Flange
- SMA Female RF Interface
- End Launch

Applications:

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

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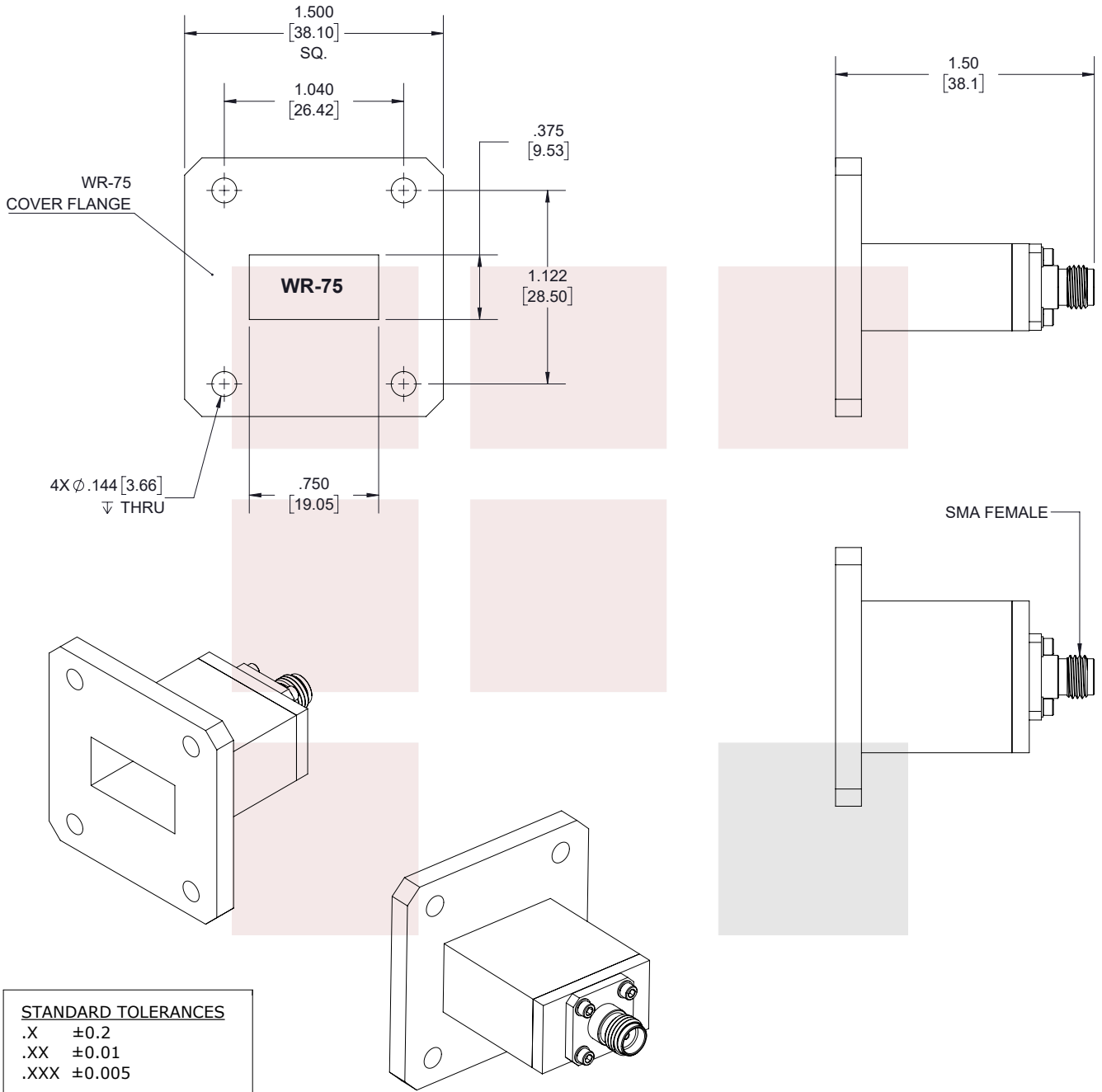
WR-75 to SMA Female End Launch Waveguide to Coax Adapter Square Cover with 10 GHz to 15 GHz M Band in Aluminum, Paint from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen,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

For additional information on this product, please click the following link: [WR-75 to SMA Female End Launch Waveguide to Coax Adapter Square Cover with 10 GHz to 15 GHz M Band in Aluminum, Paint FMWCA1073](#)

URL: <https://www.fairviewmicrowave.com/wr75-sma-female-end-launch-waveguide-coax-adapter-square-fmwca1073-p.aspx>


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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].							
	DWG NO FMWCA1073				CAGE CODE 3FKR5			
	CAD FILE	10/03/18	SHEET	1 OF 1	SCALE	N/A	SIZE	A
TITLE WR-75 to SMA Female End Launch Waveguide to Coax Adapter Square Cover with 10 GHz to 15 GHz M Band in Aluminum, Paint								