

WR-284 to Type N Female Waveguide to Coax Adapter CPR-284G Grooved with 2.6 GHz to 3.95 GHz S Band in Aluminum, Paint

The FMWCA1065 is a waveguide to coaxial adapter operating in the S Band with a 2.6 to 3.95 GHz frequency range. This adapter offers a WR-284 waveguide interface size using a standard CPR-284G Flange. The FMWCA1065 is constructed of Aluminum Alloy and painted to ensure durability. The coaxial connector offered by this adapter uses a N Female Connector.

Configuration

Waveguide Size	WR-284
Flange	CPR-284G
RF Connector	N Female
Impedance	50 Ohms
Body Geometry	Right Angle

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2.6		3.95	GHz
VSWR		1.25:1		

Mechanical Specifications

RF Connector	
Connector Type	N Female
Waveguide Interface	
Waveguide Type	WR-284
Flange Type	CPR-284G
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:

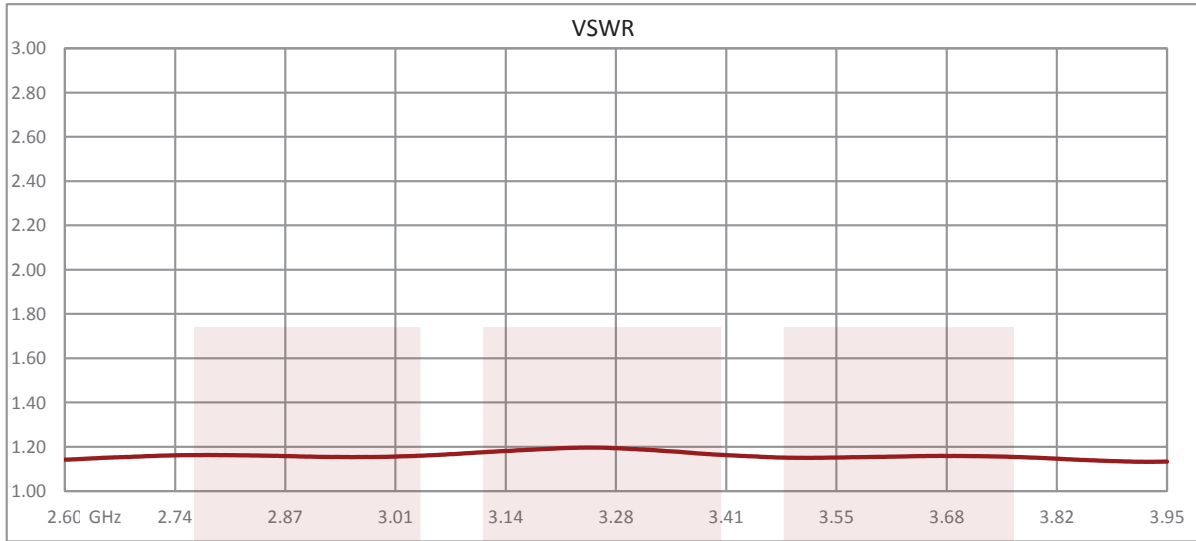
- S Band
- 2.6 to 3.95 GHz Frequency Range
- WR-284 Waveguide Interface
- CPR-284G Flange
- N Female RF Interface
- Right Angle

Applications:

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

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Typical Performance Data

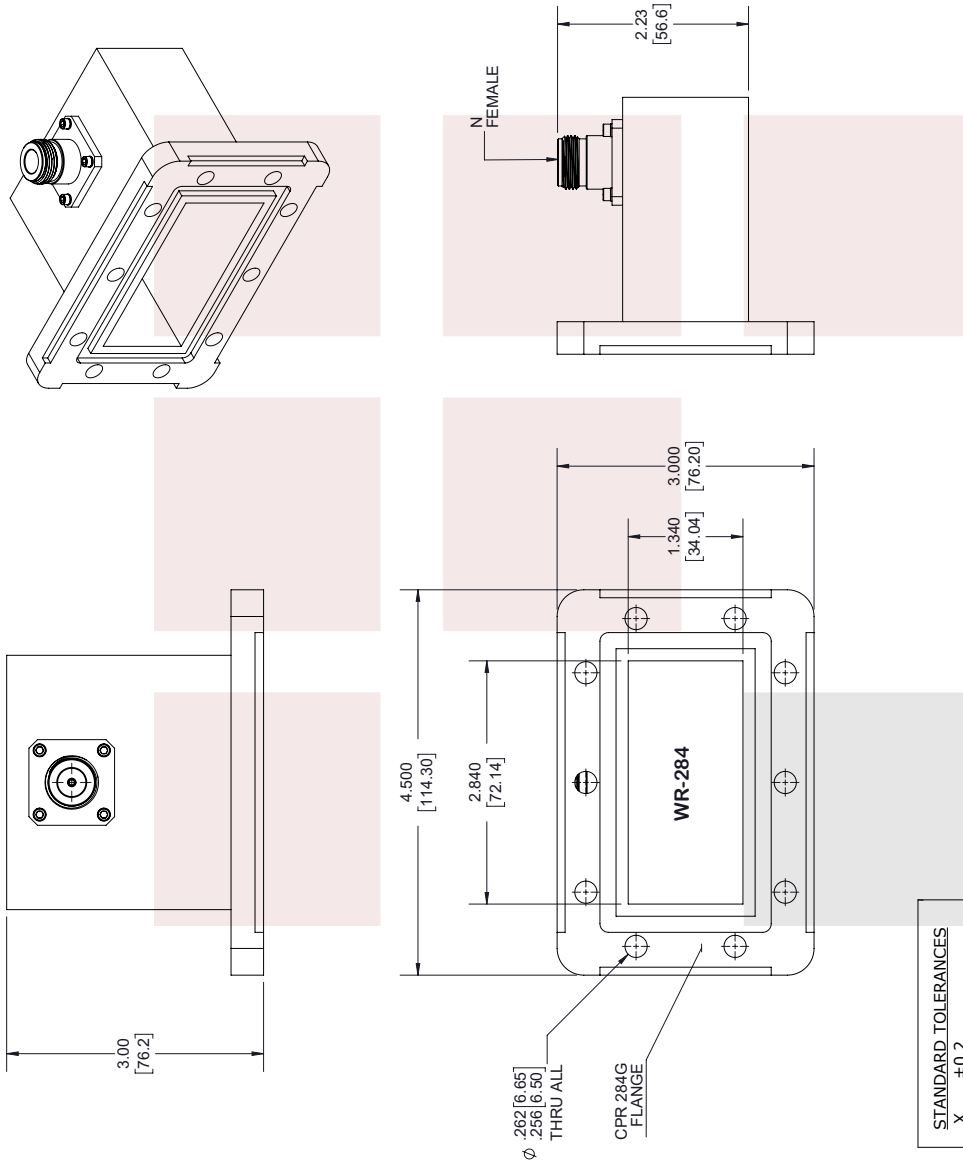


WR-284 to Type N Female Waveguide to Coax Adapter CPR-284G Grooved with 2.6 GHz to 3.95 GHz S Band in Aluminum, Paint from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-284 to Type N Female Waveguide to Coax Adapter CPR-284G Grooved with 2.6 GHz to 3.95 GHz S Band in Aluminum, Paint FMWCA1065](#)

URL: <https://www.fairviewmicrowave.com/wr284-type-n-female-waveguide-coax-adapter-cpr-284g-grooved-fmw-ca1065-p.aspx>

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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		CAGE CODE	
FMWCA1065		3FKR5	
CAD FILE	SHEET	SCALE	SIZE
10/05/18	1 OF 1	N/A	A
TITLE		7361	



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