

**WR-62 to Type N Female Waveguide to Coax Adapter
UG-1665/U Square Cover with 12.4 GHz to 18 GHz
Ku Band in Aluminum, Paint**

The FMWCA1028 is a waveguide to coaxial adapter operating in the Ku Band with a 12.4 to 18 GHz frequency range. This adapter offers a WR-62 waveguide interface size using a standard UG-1665/U Square Cover Flange. The FMWCA1028 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-62
Flange	UG-1665/U Square Cover
RF Connector	N 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

Weight	0.308 lbs [139.71 g]
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RF Connector

Connector Type	N Female
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Waveguide Interface

Waveguide Type	WR-62
Flange Type	Square Cover
Flange Designation	UG-1665/U
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:

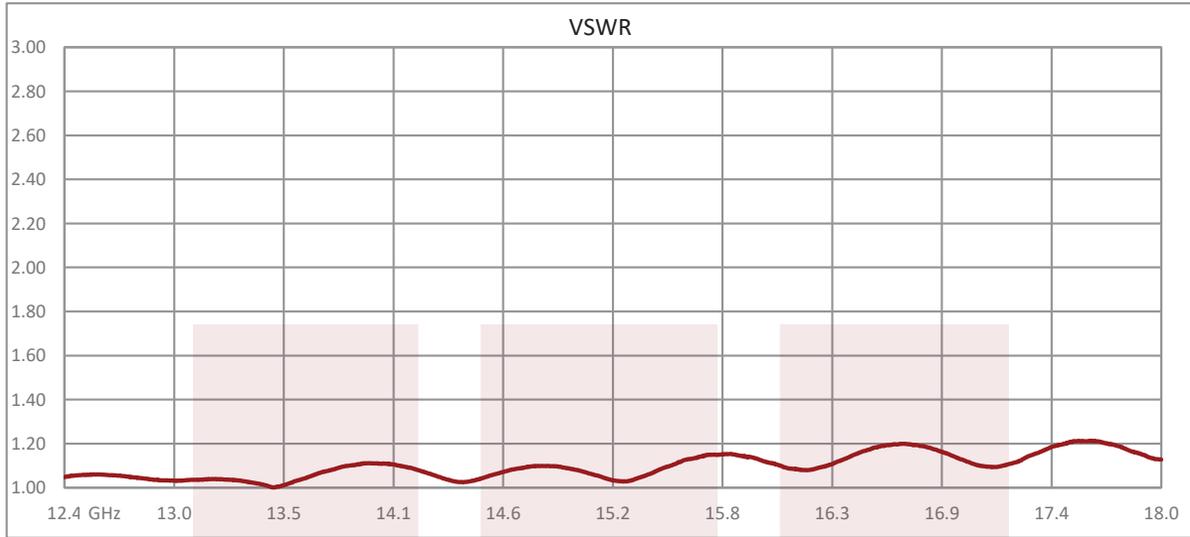
- Ku Band
- 12.4 to 18 GHz Frequency Range
- WR-62 Waveguide Interface
- UG-1665/U Square Cover Flange
- N Female RF Interface
- Right Angle

Applications:

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

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data



WR-62 to Type N Female Waveguide to Coax Adapter UG-1665/U Square Cover with 12.4 GHz to 18 GHz Ku 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-62 to Type N Female Waveguide to Coax Adapter UG-1665/U Square Cover with 12.4 GHz to 18 GHz Ku Band in Aluminum, Paint FMWCA1028](https://www.fairviewmicrowave.com/wr62-type-n-female-waveguide-coax-adapter-ug1665-square-fmwca1028-p.aspx)

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