

FMWCA1116 DATA SHEET

WRD-650 to Type N Female Waveguide to Coax Adapter UG Square Cover with 6.5 GHz to 18 GHz in Copper Alloy

The FMWCA1116 is an end launch double ridge waveguide to coaxial adapter operating at a frequency range of 6.5 GHz to 18 GHz. This adapter offers a WRD-650 waveguide interface size coupled with a precision tolerance Square Cover flange. The FMWCA1116 is constructed of copper alloy and painted gray to ensure durability. The coaxial connector offered by this adapter uses an N Female connector.

Configuration

Waveguide Size Flange RF Connector Impedance Body Geometry WRD-650

UG Square Cover

N Female 50 Ohms End Launch

Electrical Specifications

Description	Min	Тур	Max	Units
Frequency Range	6.5		18	GHz
VSWR		1.5:1		
Insertion Loss			0.5	dB
Input Power (CW)			100	Watts

Mechanical Specifications

RF Connector

Connector Type N Female

Waveguide Interface

Waveguide Type WRD-650
Flange Type Square Cover
Flange Designation UG

Body Material and Plating Copper Alloy

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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



Features:

- 6.5 GHz to 18 GHz
 Frequency Range
- WRD-650 Double Ridge Waveguide Interface
- UG Square Cover Flange
- N Female RF Interface
- Comprenhensive waveguide offering also include E-Bends, H-Bends, Sections, Filters, Terminations, Couplers, and more.

Applications:

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

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WRD-650 to Type N Female Waveguide to Coax Adapter UG Square Cover with 6.5 GHz to 18 GHz in Copper Alloy 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: WRD-650 to Type N Female Waveguide to Coax Adapter UG Square Cover with 6.5 GHz to 18 GHz in Copper Alloy FMWCA1116

URL: https://www.fairviewmicrowave.com/wrd650-type-n-female-waveguide-coax-adapter-ug599-square-fmwca1116-p. aspx

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