

**WR-102 to Type N Male Waveguide to Coax Adapter  
 UG-1493/U Square Cover with 7 GHz to 11 GHz in  
 Aluminum, Paint**

The FMWCA1039 is a waveguide to coaxial adapter operating in the Band with a 7 to 11 GHz frequency range. This adapter offers a WR-102 waveguide interface size using a standard UG-1493/U Square Cover Flange. The FMWCA1039 is constructed of Aluminum Alloy and painted to ensure durability. The coaxial connector offered by this adapter uses a N Male Connector.

**Configuration**

Waveguide Size	WR-102
Flange	UG-1493/U Square Cover
RF Connector	N Male
Impedance	50 Ohms
Body Geometry	Right Angle

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	7		11	GHz
VSWR		1.25:1		

**Mechanical Specifications**

**RF Connector**  
 Connector Type

N Male

**Waveguide Interface**

Waveguide Type	WR-102
Flange Type	Square Cover
Flange Designation	UG-1493/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:**

- 7 to 11 GHz Frequency Range
- WR-102 Waveguide Interface
- UG-1493/U Square Cover Flange
- N Male 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](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

WR-102 to Type N Male Waveguide to Coax Adapter UG-1493/U Square Cover with 7 GHz to 11 GHz 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-102 to Type N Male Waveguide to Coax Adapter UG-1493/U Square Cover with 7 GHz to 11 GHz in Aluminum, Paint FMWCA1039](#)

URL: <https://www.fairviewmicrowave.com/wr102-type-n-male-waveguide-coax-adapter-ug1493-square-fmwca1039-p.aspx>

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