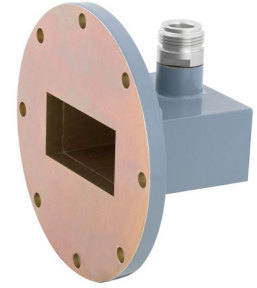


WR-187 to Type N Female Waveguide to Coax Adapter UG-407/U Round Cover with 3.95 GHz to 5.85 GHz J Band in Aluminum, Paint



FMWCA1056

Features

- J Band
- 3.95 to 5.85 GHz Frequency Range
- WR-187 Waveguide Interface
- UG-407/U Round Cover Flange
- N Female RF Interface
- Right Angle

Applications

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

Description

The FMWCA1056 is a waveguide to coaxial adapter operating in the J Band with a 3.95 to 5.85 GHz frequency range. This adapter offers a WR-187 waveguide interface size using a standard UG-407/U Round Cover Flange. The FMWCA1056 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-187
Flange	UG-407/U Round Cover
RF Connector	N Female
Impedance	50 Ohms
Body Geometry	Right Angle

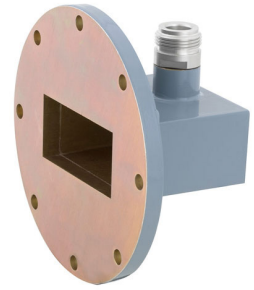
Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	3.95		5.85	GHz
VSWR		1.25:1		

Mechanical Specifications

Size	
Weight	0.43 lbs [195.04 g]
RF Connector	
Connector Type	N Female
Waveguide Interface	
Waveguide Type	WR-187
Flange Type	Round Cover
Flange Designation	UG-407/U
Body Material and Plating	Aluminum, Paint

WR-187 to Type N Female Waveguide to Coax Adapter UG-407/U Round Cover with 3.95 GHz to 5.85 GHz J Band in Aluminum, Paint



FMWCA1056

Environmental Specifications

Temperature

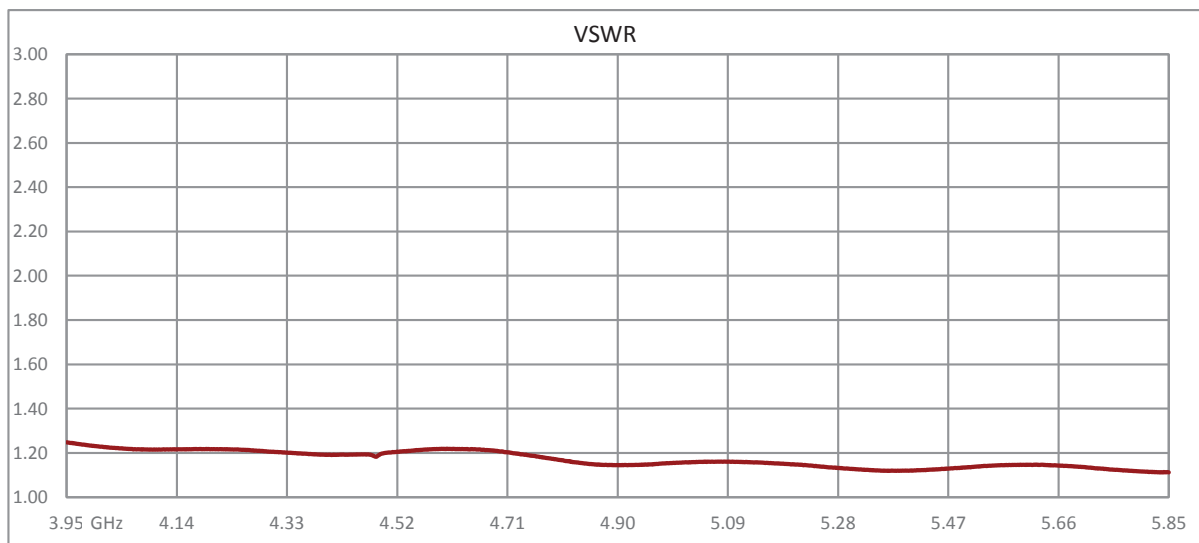
Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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

Typical Performance Data



WR-187 to Type N Female Waveguide to Coax Adapter UG-407/U Round Cover with 3.95 GHz to 5.85 GHz J 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-187 to Type N Female Waveguide to Coax Adapter UG-407/U Round Cover with 3.95 GHz to 5.85 GHz J Band in Aluminum, Paint FMWCA1056](#)

URL: <https://www.fairviewmicrowave.com/wr187-type-n-female-waveguide-coax-adapter-ug407-round-fmwca1056-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume liability arising out of the use of any part or document.

FMWCA1056 CAD Drawing

WR-187 to Type N Female Waveguide to Coax Adapter UG-407/U Round Cover with 3.95 GHz to 5.85 GHz J Band in Aluminum, Paint

