

WR-62 to Type N Female Waveguide to Coax Adapter UBR140 with 11.9 GHz to 18 GHz in Brass

The FMWCA1097 is a right angle waveguide to coaxial adapter operating at a frequency range of 11.9 GHz to 18 GHz. This adapter offers a WR-62 waveguide interface size coupled with a precision tolerance UBR140 flange. The FMWCA1097 is constructed of brass and painted gray to ensure durability. The coaxial connector offered by this adapter uses an N Female connector.

Configuration

Waveguide Size	WR-62
Flange	UBR140
RF Connector	N Female
Body Geometry	Right Angle

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	11.9		18	GHz
VSWR			1.25:1	
Insertion Loss			0.2	dB
Input Power (CW)			100	Watts

Mechanical Specifications

Size	
Length	1.25 in [31.75 mm]
Width	1.31 in [33.27 mm]
Height	1.31 in [33.27 mm]

RF Connector	
Connector Type	N Female

Waveguide Interface	
Waveguide Type	WR-62
Flange Type	UBR140
Body Material and Plating	Brass

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C

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

Plotted and Other Data

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



Features:

- 11.9 to 18 GHz Frequency Range
- WR-62 Waveguide Interface
- UBR140 Flange
- N Female RF Interface
- Comprehensive 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

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

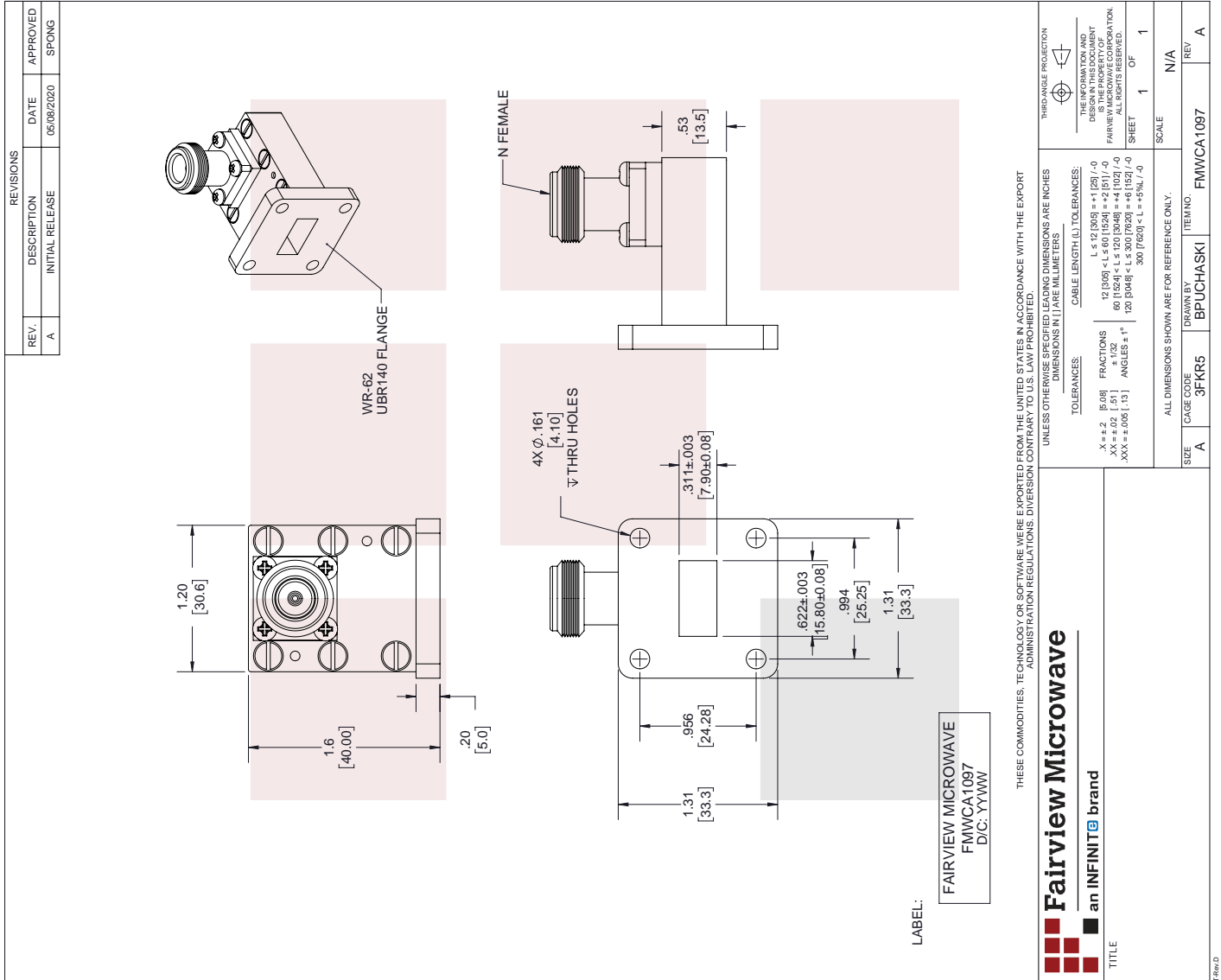
WR-62 to Type N Female Waveguide to Coax Adapter UBR140 with 11.9 GHz to 18 GHz in Brass from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave 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 UBR140 with 11.9 GHz to 18 GHz in Brass FMWCA1097](#)

URL: <https://www.fairviewmicrowave.com/wr62-type-n-female-waveguide-coax-adapter-ubr140-fmwca1097-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.





WR-62 to Type N Female Waveguide to Coax Adapter
UBR140 with 11.9 GHz to 18 GHz in Brass