

WRD-750 to Type N Female Waveguide to Coax Adapter UG Square Cover with 7.5 GHz to 18 GHz in Copper Alloy

The FMWCA1118 is an end launch double ridge waveguide to coaxial adapter operating at a frequency range of 7.5 GHz to 18 GHz. This adapter offers a WRD-750 waveguide interface size coupled with a precision tolerance Square Cover flange. The FMWCA1118 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	WRD-750
Flange	UG Square Cover
RF Connector	N Female
Impedance	50 Ohms
Body Geometry	End Launch

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	7.5		18	GHz
VSWR		1.5:1		
Insertion Loss			0.5	dB
Input Power (CW)			100	Watts

Mechanical Specifications

Weight	1 lbs [453.59 g]
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RF Connector

Connector Type	N Female
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Waveguide Interface

Waveguide Type	WRD-750
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:

- 7.5 GHz to 18 GHz Frequency Range
- WRD-750 Double Ridge Waveguide Interface
- UG Square Cover 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

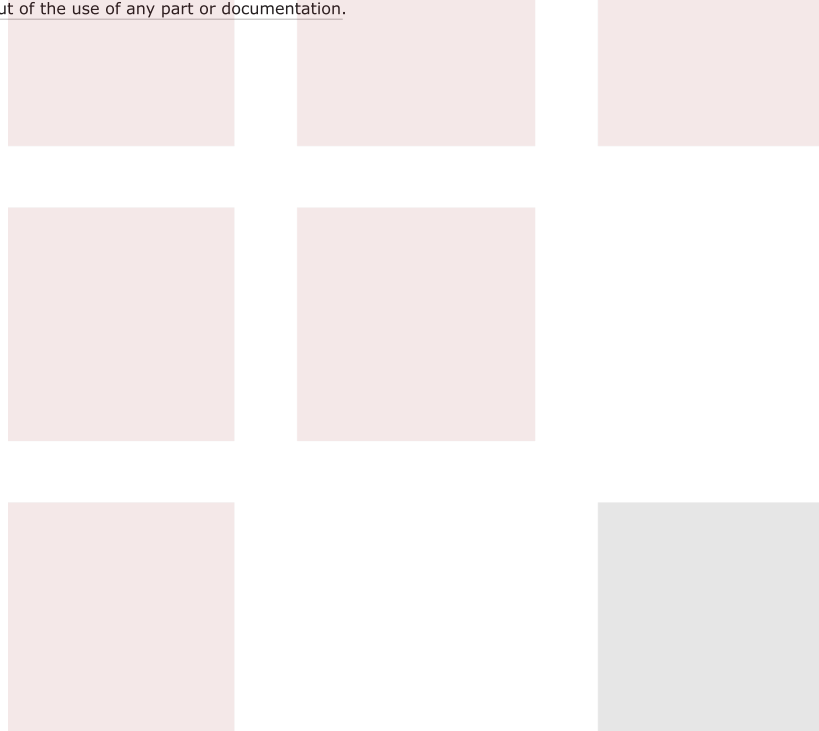
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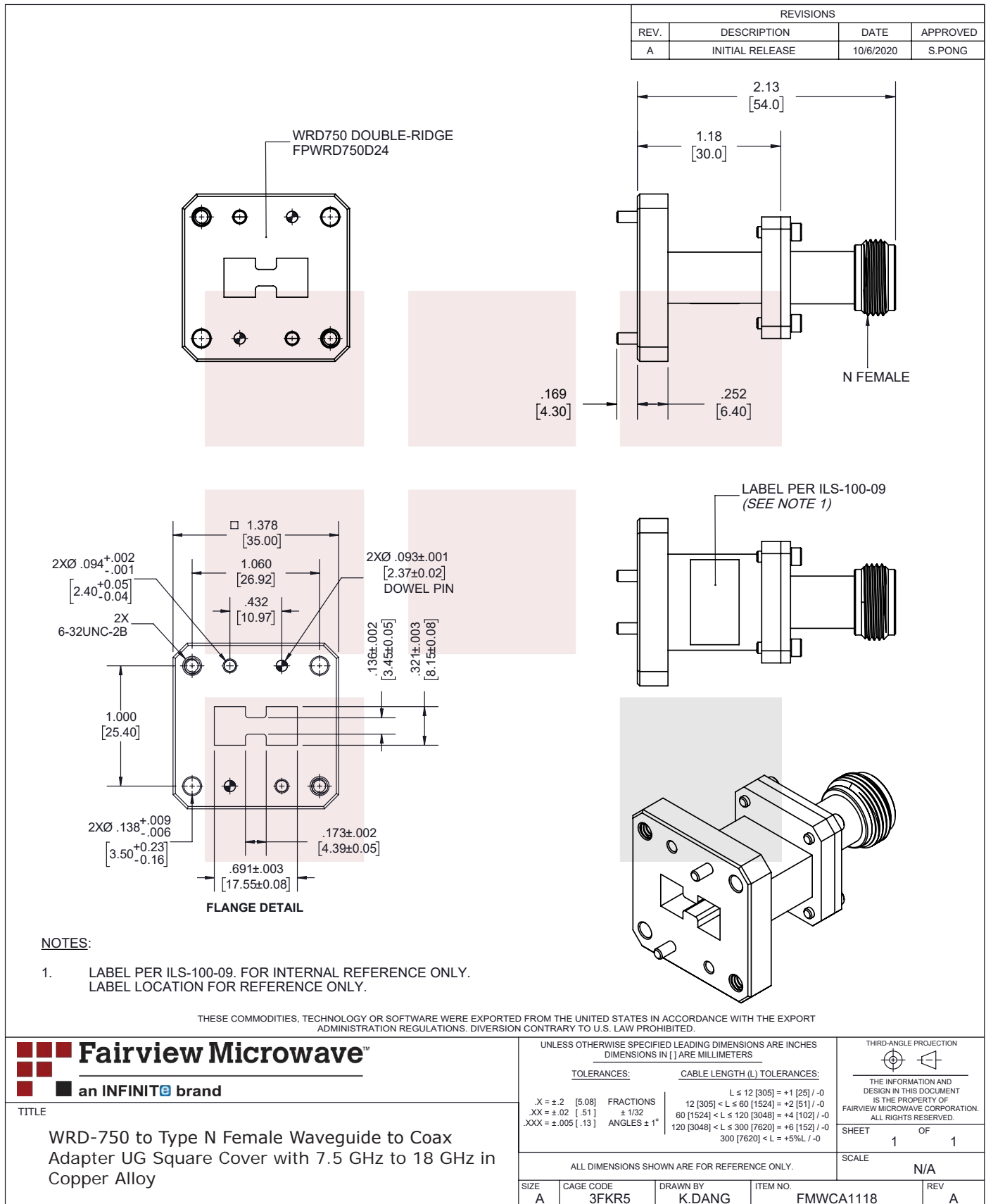
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For additional information on this product, please click the following link: [WRD-750 to Type N Female Waveguide to Coax Adapter UG Square Cover with 7.5 GHz to 18 GHz in Copper Alloy FMWCA1118](#)

URL: <https://www.fairviewmicrowave.com/wrd750-type-n-female-end-launch-waveguide-coax-adapter-ug-square-fmw-ca1118-p.aspx>

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