

WR-112 Waveguide Termination 5 Watt, With a 6.57 GHz to 9.99 GHz, Brass Copper with UG-51/U Flange



FMW112TR001

Features

- WR-112 Waveguide
- Operating Frequency Range from 6.57 GHz to 9.99 GHz
- 1.03:1 Max VSWR
- 5 Watt Average Power Handling
- UG-51/U Flange

Applications

- Radar Systems
- Military and Space
- Wireless Radio Systems
- Telecom Infrastructure
- Communication Systems
- R&D Labs
- Microwave Radio Systems

Description

The FMW112TR001 is a WR-112 waveguide termination/load that operates in the frequency range of 6.57 GHz to 9.99 GHz. This WR-112 waveguide termination has a Max VSWR of 1.03:1. This waveguide termination design is made of painted brass and incorporates a UG-51/U flange. Waveguide terminations are part of Fairview Microwave's comprehensive waveguide product offerings which are available in stock and ready for same-day shipment.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	6.57		9.99	GHz
VSWR			1.03:1	
Input Power (CW)			5	Watts
Input Power (Peak)			20	kWatts

Mechanical Specifications

Size

Length	5.91 in [150.11 mm]
Width/Dia.	1.88 in [47.75 mm]
Height	1.88 in [47.75 mm]
Weight	0.4 lbs [181.44 g]

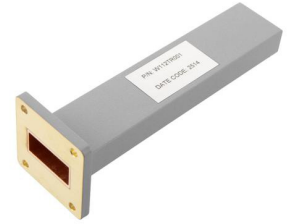
Description	Flange	Waveguide
Designation	UG-51/U	WR-112
Type	Square Cover	
Material	Brass Copper	Brass Copper
Plating	Passivated	Passivated
Finish	Grey Paint	Grey Paint

Environmental Specifications

Temperature

Operating Range	-40 to +70 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

WR-112 Waveguide Termination 5 Watt, With a 6.57 GHz to 9.99 GHz, Brass Copper with UG-51/U Flange 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-112 Waveguide Termination 5 Watt, With a 6.57 GHz to 9.99 GHz, Brass Copper with UG-51/U Flange FMW112TR001](#)

URL: <https://www.fairviewmicrowave.com/wr-112-waveguide-termination-5-watts-6.57-9.99-ghz-fmw112tr001-p.aspx>

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