



1 Watt Low Power WR-15 Waveguide Load 50 GHz to 75 GHz, Copper

Waveguide Terminations Technical Data Sheet

PEW15TR0001

Features

- WR-15 Waveguide
- 50 to 75 GHz Frequency Range
- UG-385/U Flange
- 1.20:1 Maximum VSWR
- 1 Watt Average Power Handling

Applications

- Instrumentation
- Precision measurements
- Prototyping and characterization
- Production Systems

Description

The PEW15TR0001 is a waveguide termination (load) that is part of a family of high performance loads with round flange per MIL-DTL-85. They are designed so that virtually all the applied power is absorbed, thus assuring a low VSWR. These standard terminations, offered in the Ka through W waveguide bands can dissipate 0.4 to 6 Watts of power depending on the specific band.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	50		75	GHz
VSWR			1.2:1	
Input Power (CW)			1	Watt

Mechanical Specifications

Size	
Length	1.5 in [38.1 mm]
Width/Dia.	0.75 in [19.05 mm]
Height	0.75 in [19.05 mm]
Weight	0.033 lbs [14.97 g]

Description	Flange	Waveguide
Designation	UG-385/U	WR-15
Type	Round Cover	
Material	Copper	Copper
Plating	Gold	Gold

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

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1 Watt Low Power WR-15 Waveguide Load 50 GHz to 75 GHz, Copper PEW15TR0001](#)



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1 Watt Low Power WR-15 Waveguide Load 50 GHz to 75 GHz, Copper from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1 Watt Low Power WR-15 Waveguide Load 50 GHz to 75 GHz, Copper PEW15TR0001](https://www.pasternack.com/1-watts-wr-15-rf-load-50-75-ghz-pew15tr0001-p.aspx)

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PEW15TR0001 CAD Drawing

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