

WRD-650 Straight Waveguide Section 6 Inch Length, UG Square Cover Flange from 6.5 GHz to 18 GHz in Brass



PEWRD650S001-6

Features

- 6" Length
- WRD-650 Double Ridge Waveguide
- UG Flange
- 6.5 GHz to 18 GHz Frequency Range
- Comprehensive waveguide offering also includes E-Bends, H-Bends, Waveguide to Coax Adapters, Filters, Terminations, and more.

Applications

- Millimeter Wave
- Transmission Systems
- Test and Laboratory Setups

Description

Pasternack's PEWRD650S001-6 is a 6 inch WRD-650 straight double ridge waveguide section that operates from 6.5 GHz to 18 GHz. This straight waveguide section offers a max 1.15 VSWR. The input of this straight waveguide section has a UG Flange. PEWRD650S001-6 is part of over 40,000 RF, microwave and millimeter wave components offered at Pasternack. WRD-650 straight waveguide section will ship worldwide the same day it is purchased along with our other RF components.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	6.5		18	GHz
VSWR			1.15:1	
Insertion Loss Max		0.4		dB

Mechanical Specifications

Waveguide Size	WRD-650
Section Length	6 in [152.4 mm]

Description	Flange 1	Waveguide	Flange 2
Flange Type	Square Cover		Square Cover
Flange Designation	UG	WRD-650	UG
Material	Brass	Copper	Brass
Color	Gray	Gray	Gray

Size	
Weight	0.5 lbs [226.8 g]

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

Plotted and Other Data

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

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WRD-650 Straight Waveguide Section 6 Inch Length, UG Square Cover Flange from 6.5 GHz to 18 GHz in Brass 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: [WRD-650 Straight Waveguide Section 6 Inch Length, UG Square Cover Flange from 6.5 GHz to 18 GHz in Brass PEWRD650S001-6](https://www.pasternack.com/wrd-650-straight-waveguide-section-ug-square-pewrd650s001-6)

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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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PEWRD650S001-6 CAD Drawing

WRD-650 Straight Waveguide Section 6 Inch Length, UG Square Cover Flange from 6.5 GHz to 18 GHz in Brass

