

WR-10 Instrumentation Grade Straight Waveguide Section 3 Inch Length, UG-387/U-Mod Round Cover Flange from 75 GHz to 110 GHz



PEW10S010-3

Features

- 3" Length
- WR-10 Waveguide
- UG-387/U-M Round Cover Flange
- 75 GHz to 110 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 PEW10S010-3 is a 3 inch WR-10 straight waveguide section that operates from 75 GHz to 110 GHz. This straight waveguide section offers a typical 0.25 dB insertion loss and a typical 1.06 VSWR. The input of this straight waveguide section has a UG-387/U-M Round Cover flange. PEW10S010-3 is part of over 40,000 RF, microwave and millimeter wave components. Our instrumentation grade WR-10 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	75		110	GHz
VSWR		1.06:1		
Insertion Loss		0.25		dB

Mechanical Specifications

Waveguide Size	WR-10
Waveguide Design	Instrumentation Grade
Section Length	3 in [76.2 mm]

Description	Flange 1	Waveguide	Flange 2
Flange Type	Round Cover		Round Cover
Flange Designation	UG-387/U-M	WR-10	UG-387/U-M
Material	Brass	Oxygen Free Hard Copper	Brass
Plating	Nickel	Nickel	Nickel
Color	Gold	Gold	Gold

Size

Weight 0.056 lbs [25.4 g]

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

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

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Cover Flange from 75 GHz to 110 GHz



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WR-10 Instrumentation Grade Straight Waveguide Section 3 Inch Length, UG-387/U-Mod Round Cover Flange from 75 GHz to 110 GHz 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: [WR-10 Instrumentation Grade Straight Waveguide Section 3 Inch Length, UG-387/U-Mod Round Cover Flange from 75 GHz to 110 GHz PEW10S010-3](https://www.pasternack.com/wr-10-instrumentation-straight-waveguide-section-ug387-mod-round-pew10s010-3-p.aspx)

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PEW10S010-3 CAD Drawing

WR-10 Instrumentation Grade Straight Waveguide Section 3 Inch Length, UG-387/U-Mod Round Cover Flange from 75 GHz to 110 GHz

