PASTERNACK
an INFINITE brand

WR-284 UDR32 Flange to SMA Female Waveguide to Coax Adapter Operating from 2.6 GHz to 3.95 GHz in Aluminum

Waveguide to Coax Adapters Technical Data Sheet PEWCA1082

Features

- 2.6 GHz to 3.95 GHz Frequency Range
- WR-284 Waveguide Interface
- UDR32 Flange
- SMA Female RF Interface
- Comprenhensive 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

Description

The PEWCA1082 is a right angle waveguide to coaxial adapter operating at a frequency range of 2.6 GHz to 3.95 GHz. This adapter offers a WR-284 waveguide interface size coupled with a precision tolerance UDR32 flange. The PEWCA1082 is constructed of aluminum and painted gray to ensure durability. The coaxial connector offered by this adapter uses an SMA Female connector.

Configuration

Waveguide Size	WR-284
Flange	UDR32
RF Connector	SMA Female
Body Geometry	Right Angle

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.6		3.95	GHz
VSWR			1.25:1	
Insertion Loss			0.2	dB
Input Power (CW)			50	Watts

Mechanical Specifications

Size

Length	2.83 in [71.88 mm]
Width	4.5 in [114.3 mm]
Height	3 in [76.2 mm]

RF Connector

Connector Type	SMA Female

Waveguide Interface

Waveguide Type	WR-284

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: WR-284 UDR32 Flange to SMA Female Waveguide to Coax Adapter Operating from 2.6 GHz to 3.95 GHz in Aluminum PEWCA1082

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Flange Type	UDR32
Body Material and Plating	Aluminum

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at +25 °C, sea level unless stated otherwise

WR-284 UDR32 Flange to SMA Female Waveguide to Coax Adapter Operating from 2.6 GHz to 3.95 GHz in Aluminum 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.

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URL: https://www.pasternack.com/wr284-udr32-flange-to-sma-female-waveguide-coax-adapter-3.95-ghz-pewca1082-p.aspx

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PEWCA1082 CAD Drawing

WR-284 UDR32 Flange to SMA Female Waveguide to Coax Adapter Operating from 2.6 GHz to 3.95 GHz in Aluminum