



WR-112 UBR84 Flange to End Launch SMA Female Waveguide to Coax Adapter Operating from 6.57 GHz to 9.99 GHz in Aluminum

Waveguide to Coax Adapters Technical Data Sheet

PEWCA1106

Features

- 6.57 to 9.99 GHz Frequency Range
- WR-112 Waveguide Interface
- UBR84 Flange
- SMA Female RF Interface
- Comprehensive 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 PEWCA1106 is an end launch waveguide to coaxial adapter operating at a frequency range of 6.57 GHz to 9.99 GHz. This adapter offers a WR-112 waveguide interface size coupled with a precision tolerance UBR84 flange. The PEWCA1106 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-112
Flange	UBR84
RF Connector	SMA Female
Body Geometry	End Launch

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	6.57		9.99	GHz
VSWR			1.25:1	
Insertion Loss			0.2	dB
Input Power (CW)			50	Watts

Mechanical Specifications

Size	
Length	1.95 in [49.53 mm]
Width	1.88 in [47.75 mm]
Height	1.88 in [47.75 mm]

RF Connector	
Connector Type	SMA Female

Waveguide Interface	
Waveguide Type	WR-112

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-112 UBR84 Flange to End Launch SMA Female Waveguide to Coax Adapter Operating from 6.57 GHz to 9.99 GHz in Aluminum PEWCA1106](#)



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Flange Type	UBR84
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-112 UBR84 Flange to End Launch SMA Female Waveguide to Coax Adapter Operating from 6.57 GHz to 9.99 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/wr112-ubr84-flange-to-end-launch-sma-female-waveguide-coax-adapter-9.99ghz-pewca1106-p.aspx>

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