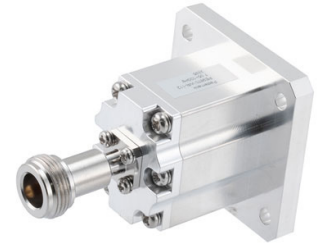


WR-112 Square Type Flange to End Launch N Female Waveguide to Coax Adapter Operating from 7.05 GHz to 10 GHz



PE9870

Features

- Minimum Frequency of 7.05 GHz
- Maximum Frequency of 10 GHz
- VSWR of 1.3:1

Applications

- General Purpose Test

Description

PE9870 WR-112 waveguide to coax adapter is also known as a WR-112 waveguide transition. This waveguide to coax adapter / transition is constructed as a WR-112 to type N connector and has a female gender. Our WR-112 to type N female waveguide adapter transition has a end launch design and has a square type flange. Pasternack end launch WR-112 to N type waveguide to coaxial cable transition / adapter has a minimum frequency of 7.05 GHz and a maximum frequency of 10 GHz.

WR-112 waveguide to type N transition adapter to coax PE9870 is part of over 40,000 RF, microwave and millimeter wave components available from Pasternack. Our WR-112 waveguide adapter transition with N type interface can ship worldwide the same day that it is purchased as with our other available RF parts.

Configuration

Waveguide Size	WR-112
Flange	Square Type
RF Connector	N Female
Impedance	50 Ohms
Body Geometry	End Launch

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	7.05		10	GHz
VSWR			1.3:1	

Mechanical Specifications

Size	
Length	2.24 in [56.9 mm]
Width	1.875 in [47.63 mm]
Height	1.875 in [47.63 mm]
Weight	0.2785 lbs [126.33 g]

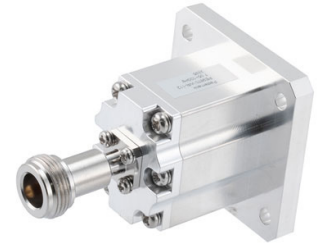
RF Connector

Connector Type	N Female
Body Material and Plating	Stainless Steel

Waveguide Interface

Waveguide Type	WR-112
Flange Type	Square Type
Body Material and Plating	Aluminum

WR-112 Square Type Flange to End Launch
N Female Waveguide to Coax Adapter
Operating from 7.05 GHz to 10 GHz



PE9870

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

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

Typical Performance Data

WR-112 Square Type Flange to End Launch N Female Waveguide to Coax Adapter Operating from 7.05 GHz to 10 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-112 Square Type Flange to End Launch N Female Waveguide to Coax Adapter Operating from 7.05 GHz to 10 GHz PE9870](#)

URL: <https://www.pasternack.com/waveguide-end-launch-to-n-female-frequency-range-705-1000-ghz-pe9870-p.aspx>

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.

WR-112 Square Type Flange to End Launch N Female Waveguide to Coax Adapter Operating from 7.05 GHz to 10 GHz

