PASTERNACK
an INFINITE brand

WR-229 Standard Gain Horn Antenna Operating From 3.3 GHz to 4.9 GHz, 10 dBi Nominal Gain, Type N Female Input Connector, ProLine

Technical Data Sheet PE9862B/NF-10

Features

- WR-229 Rectangular Waveguide Interface
- 3.3 GHz to 4.9 GHz
- 10 dBi Nominal Gain
- Type N Female Connector

Applications

- Antenna Measurements
- Wireless Communication
- Laboratory Use
- Microwave Radio Systems

Description

The Proline series PE9862B/NF-10 standard gain horn antenna (also known as waveguide horn) from Pasternack is part of our huge selection of waveguide antennas. This Pasternack standard gain horn antenna is manufactured with a WR-229 input and a waveguide to coaxial transition adapter. Our WR-229 standard gain horn antenna has a nominal gain of 10 dBi. This WR-229 standard gain horn has a Type N waveguide to coax transition adapter that is female gender. The Pasternack 10 dBi WR-229 horn antenna operates from 3.3 GHz to 4.9 GHz. The WR-229 PE9862B/NF-10 waveguide horn is US made and TAA compliant. It is part of over 40,000 RF, microwave and millimeter wave components available from Pasternack. Waveguide standard gain horn antennas, such as the PE9862B/NF-10, are used in a wide variety of applications due to their high power handling capability, low loss, high directivity, and near constant electrical performance. Pasternack's Type N female WR-229 standard gain horns are available in 10, 15 and 20 dBi models with pyramidal shape and rectangular input. Our WR-229 standard gain horn Proline antennas with Type N female interface can ship worldwide the same day as it is purchased as with our other available RF parts.

Configuration

Design	WR-229 Standard Gain Horn
Pattern	Directional
Polarization	Linear
Coaxial Interface	N Female

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	3.3		4.9	GHz
Waveguide Standard Gain Horn				
Gain		10		dB
Waveguide to Coaxial Adapter				
Input VSWR		1.3:1		

Mechanical Specifications

Size

Weight	0.05 lbs [22.68 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-229 Standard Gain Horn Antenna Operating From 3.3 GHz to 4.9 GHz, 10 dBi Nominal Gain, Type N Female Input Connector, ProLine PE9862B/NF-10

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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RF Connector

Type	N Female

Waveguide Interface

Waveguide Size	WR-229
Flange Type	CMR-229
Body Material and Plating	Aluminum

Environmental Specifications

Environmental Specification Notes:
PE9862B/NF-10

Compliance Certifications (see product page for current document)

Plotted and Other Data

2 Dimensional OML Drawing	PE9862B/NF-10

Notes:

WR-229 Standard Gain Horn Antenna Operating From 3.3 GHz to 4.9 GHz, 10 dBi Nominal Gain, Type N Female Input Connector, ProLine 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/waveguide-standard-gain-horn-antenna-0-pe9862b-nf-10-p.aspx

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PE9862B/NF-10 CAD Drawing

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