

Technical Data Sheet

Features

Applications

12.4 GHz to 18 GHz

WR-62 Waveguide Band

Antenna Measurements

Wireless Communication

Laboratory Use

• 15 dBi Nominal Gain

- N Male Connector
- Microwave Radio Systems
- Radome Testing
- Automotive Antenna Test
- Solutions
- Radar Cross Section
- Satellite Antenna Testing

Description

The PEWAN062-15NM standard gain horn antenna (also known as waveguide horn) from Pasternack is part of our comprehensive selection of waveguide antennas. This standard gain horn is mated with a WR-62 to N Male waveguide to coaxial adapter and operates from 12.4 GHz to 18 GHz.

Our PEWAN062-15NM standard gain horn antenna has a nominal gain of 15 dBi with a Horizontal and Vertical HPBW (Half Power Beam Width) of 31 dB and 32 dB respectively. Pasternack's N Male to WR-62 standard gain horns are available in 10, 15 and 20 dBi models with pyramidal shape and connectorized input.

Waveguide antennas, such as the PEWAN062-15NM are used in a wide variety of applications due to the high-power handling capability, low loss, high directivity, and near constant electrical performance. Our WR-62 waveguide antennas with N Male interface is part of over 40,000 RF, microwave and millimeter wave components from Pasternack available worldwide and Ship same day.

Configuration

Design Coaxial Interface WR-62 Standard Gain Horn N Male

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	12.4		18	GHz
Waveguide Standard Gain Horn				
Gain		15		dBi
Horizontal Half Power Beam Width	1	31		Degrees
Vertical Half Power Beam Width		32		Degrees

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-62 Standard Gain Horn with 15 dBi gain, N Male connector PEWAN062-15NM

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pasternack.com • Techsupport@Pasternack.com



PEWAN062-15NM



Technical Data Sheet

WR-62 Standard Gain Horn with 15 dBi gain, N Male connector



PEWAN062-15NM

Mechanical Specifications Size	
Length	3.57 in [90.68 mm]
Width	1.686 in [42.82 mm]
Height	1.213 in [30.81 mm]
Weight	0.2505 lbs [113.62 g]
RF Connector	
Туре	N Male
Type	IN Male
Waveguide Interface	
Waveguide Size	WR-62
Environmental Specifications	
Compliance Certifications (see product page for	current document)
Plotted and Other Data Notes:	

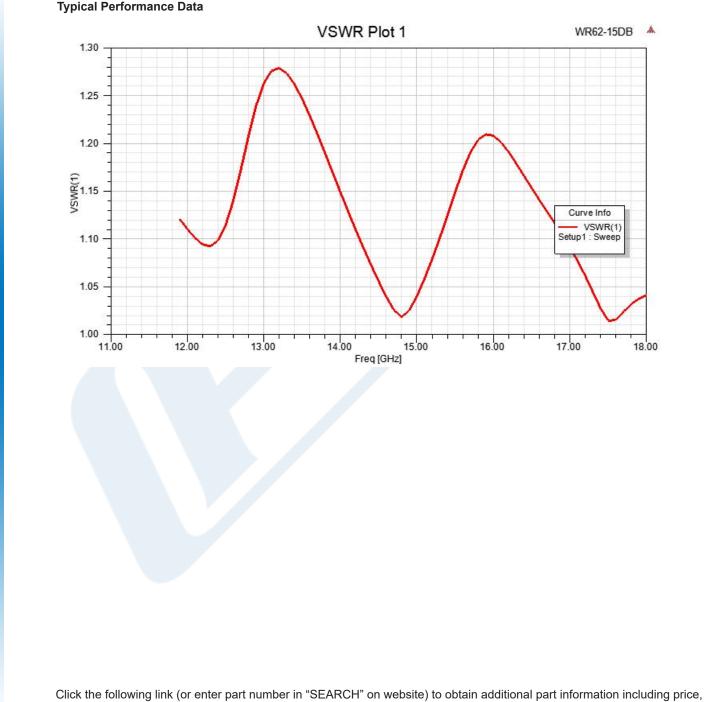
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-62 Standard Gain Horn with 15 dBi gain, N Male connector PEWAN062-15NM





Technical Data Sheet

PEWAN062-15NM



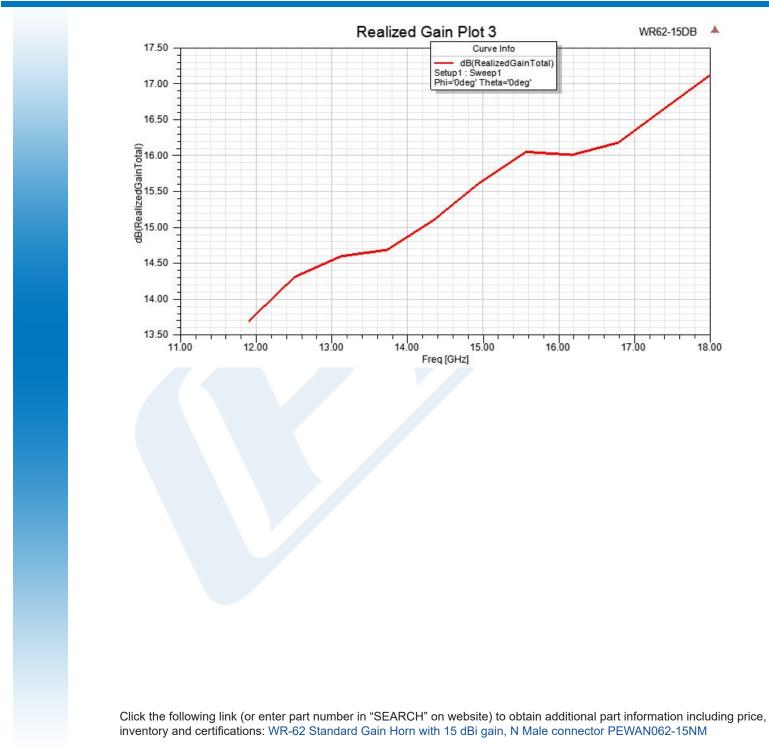
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-62 Standard Gain Horn with 15 dBi gain, N Male connector PEWAN062-15NM





Technical Data Sheet

PEWAN062-15NM

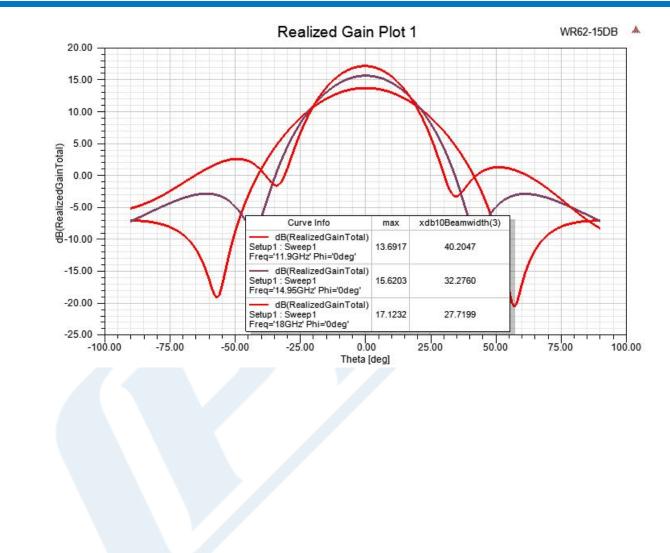






Technical Data Sheet

PEWAN062-15NM



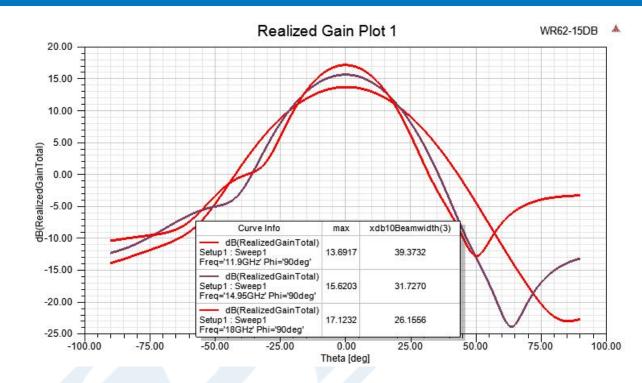
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-62 Standard Gain Horn with 15 dBi gain, N Male connector PEWAN062-15NM





Technical Data Sheet

PEWAN062-15NM



WR-62 Standard Gain Horn with 15 dBi gain, N Male connector 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-62 Standard Gain Horn with 15 dBi gain, N Male connector PEWAN062-15NM

URL:

The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PEWAN062-15NM CAD Drawing WR-62 Standard Gain Horn with 15 dBi gain, N Male connector

