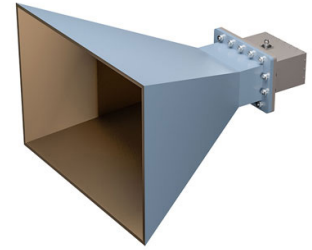


WR-770 Waveguide Standard Gain Horn Antenna Operating From 960 MHz to 1460 MHz, 15 dBi Gain with N Type Female



PEWAN770-15NF

Features

- 960 MHz to 1460 MHz
- Linearly Polarized
- 15 dBi Nominal Gain
- WR-770 with Type N Female connector
- Powder Coated Aluminum

Applications

- Antenna Measurements
- Wireless Communication
- Laboratory Use
- Microwave Testing
- Radome Testing
- EMC measurement
- Satellite Antenna Testing

Description

The PEWAN770-15NF standard horn antenna (also known as waveguide horn) from Pasternack is part of our comprehensive selection of waveguide antennas. This WR-770 waveguide horn features an N Female Coax Connector and operates from 960 to 1460 MHz.

Our PEWAN770-15NF standard gain horn antenna has a nominal gain of 15 dBi with a typical input VSWR of 1.5:1. Pasternack's waveguide horns are available in 10, 15, and 20 dBi models with varying frequency ranges to suit the application needs.

Waveguide antennas, such as the PEWAN770-15NF 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-770 waveguide antennas with are part of over 40,000 RF, microwave, and millimeter wave components from Pasternack available worldwide and ship same day.

Configuration

Design	WR-770
Pattern	Directional
Polarization	Linear
Coaxial Interface	N Female

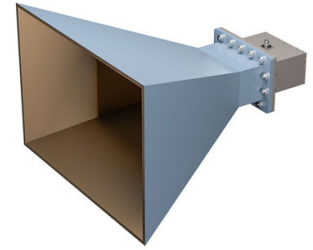
Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.96		1.46	GHz
Gain		15		
Horizontal Half Power Beam Width		30		Degrees
Vertical Half Power Beam Width		30		Degrees
Waveguide to Coaxial Adapter				
VSWR			1.25:1	

Mechanical Specifications

Size	
Length	30.1 in [764.54 mm]
Width	27.6 in [701.04 mm]
Height	18.9 in [480.06 mm]
Weight	31.0575 lbs [14.09 kg]

WR-770 Waveguide Standard Gain Horn Antenna Operating From 960 MHz to 1460 MHz, 15 dBi Gain with N Type Female



PEWAN770-15NF

RF Connector

Type N Female

Waveguide Interface

Waveguide Size WR-770

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

Plotted and Other Data

Notes:

Typical Performance Data

WR-770 Waveguide Standard Gain Horn Antenna Operating From 960 MHz to 1460 MHz, 15 dBi Gain with N Type Female 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-770 Waveguide Standard Gain Horn Antenna Operating From 960 MHz to 1460 MHz, 15 dBi Gain with N Type Female PEWAN770-15NF](#)

URL: <https://www.pasternack.com/wr-770-waveguide-standard-gain-horn-antenna-operating-from-960-mhz-to-1460-mhz-15-dbi-gain-with-n-type-female-pewan770-15nf-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.

PEWAN770-15NF CAD Drawing

WR-770 Waveguide Standard Gain Horn Antenna Operating From 960 MHz to 1460 MHz, 15 dBi Gain with N Type Female

