

## WR-770 Waveguide Standard Gain Horn Antenna Operating From 960 MHz to 1460 MHz, 10 dBi Gain with N Type Female



### PEWAN770-10NF

#### Features

- 960 MHz to 1460 MHz
- Linearly Polarized
- 10 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 PEWAN770-10NF 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 PEWAN770-10NF standard gain horn antenna has a nominal gain of 10 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 PEWAN770-10NF 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

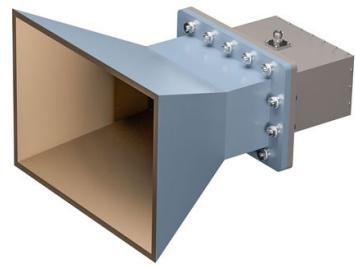
#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.96		1.46	GHz
Gain		10		
Horizontal Half Power Beam Width		55		Degrees
Vertical Half Power Beam Width		55		Degrees
<b>Waveguide to Coaxial Adapter</b>				
VSWR			1.25:1	

#### Mechanical Specifications

Size	
Length	17.5 in [444.5 mm]
Width	12.4 in [314.96 mm]
Height	9.3 in [236.22 mm]
Weight	14.52 lbs [6.59 kg]

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## PEWAN770-10NF

### 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, 10 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, 10 dBi Gain with N Type Female PEWAN770-10NF](#)

URL: <https://www.pasternack.com/wr-770-waveguide-standard-gain-horn-antenna-operating-from-960-mhz-to-1460-mhz-10-dbi-gain-with-n-type-female-pewan770-10nf-p.aspx>

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## PEWAN770-10NF CAD Drawing

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