

Technical Data Sheet

PEWAN062-10ELSF

Features

• 12.4 GHz to 18 GHz

Laboratory Use

WR-62 Waveguide Band

Applications

- Antenna MeasurementsWireless Communication
- Microwave Radio Systems
 - Radome Testing
 - Automotive Antenna Test
- Solutions
- Radar Cross Section
- Satellite Antenna Testing

Description

The PEWAN062-10ELSF 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 SMA Female End Launch waveguide to coaxial adapter and operates from 12.4 GHz to 18 GHz.

Our PEWAN062-10ELSF standard gain horn antenna has a nominal gain of 10 dBi with a Horizontal and Vertical HPBW (Half Power Beam Width) of 52.1 dB and 51.6 dB respectively. Pasternack's SMA Female End Launch 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 PEWAN062-10ELSF 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 SMA Female End Launch 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 SMA Female

10 dBi Nominal Gain

SMA Female End Launch Connector

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	12.4		18	GHz
Waveguide Standard Gain Horn				
Gain		10		dBi
Horizontal Half Power Beam Width	1	52.1		Degrees
Vertical Half Power Beam Width		51.6		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 10 dBi gain, End Launch SMA Female connector PEWAN062-10ELSF

ISO 9001 : 2008 Registered





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Mechanical Specifications Size		
Length	2.575 in [65.41 mm]	
Width Height	1.31 in [33.27 mm] 1.31 in [33.27 mm]	
5		
Weight	0.2109 lbs [95.66 g]	
RF Connector		
Туре	SMA Female	
Specification	End Launch	
Waveguide Interface		
Waveguide Size	WR-62	
Environmental Specifications		
Compliance Certifications (see product page for current	document)	
Plotted and Other Data Notes:		

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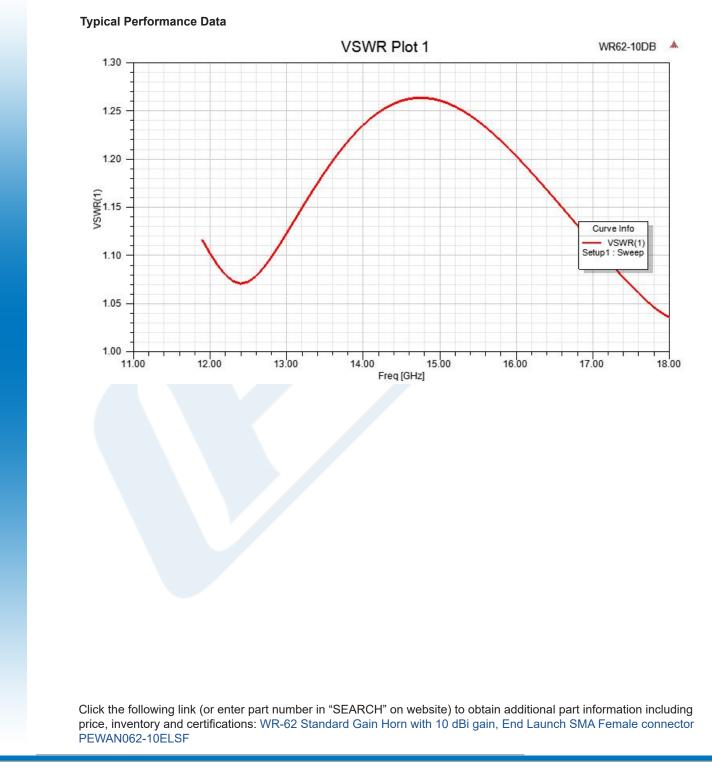
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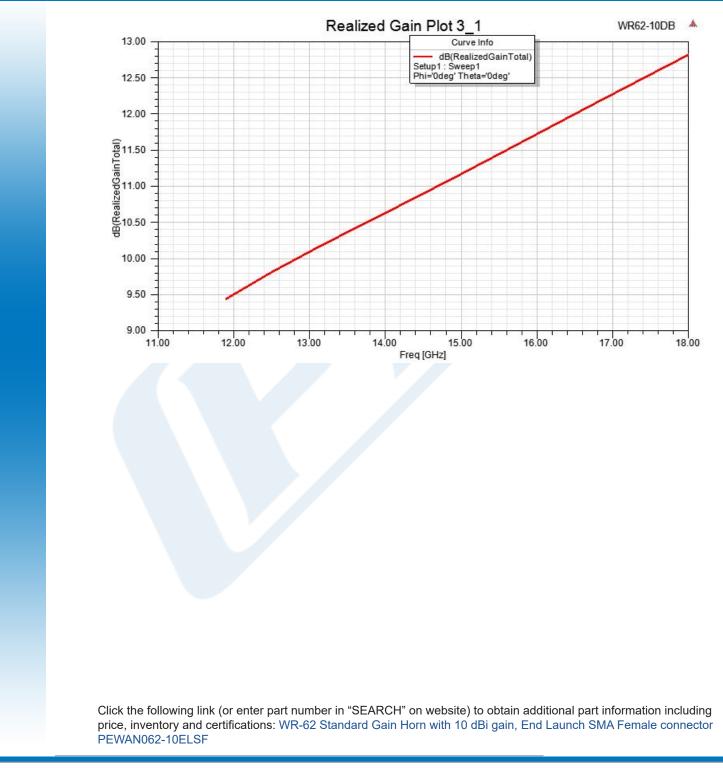






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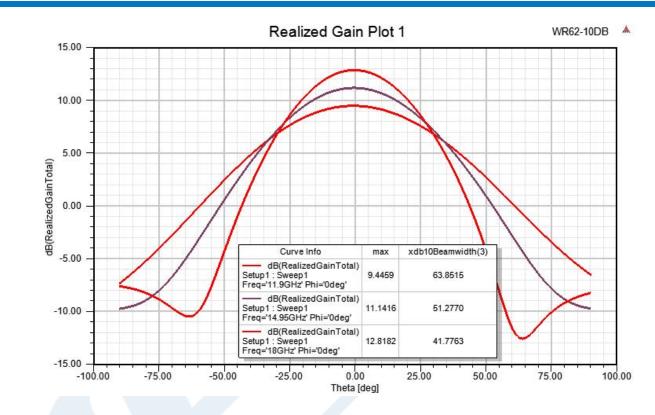






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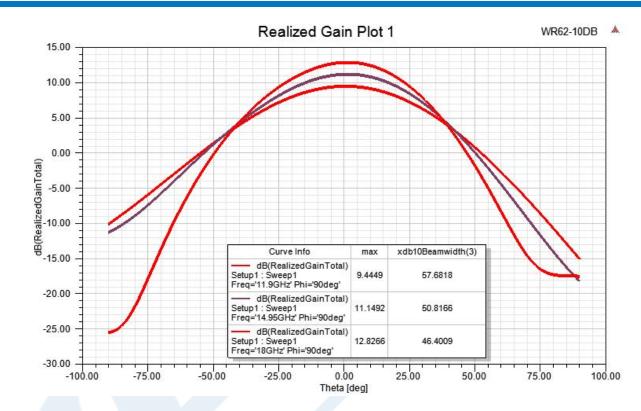






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WR-62 Standard Gain Horn with 10 dBi gain, End Launch SMA Female connector from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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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.

