



Broadband SMA Waveguide Horn Antenna Operating
from 1 GHz to 18 GHz with a Nominal 11 dBi
Gain with SMA Female Input Connector

Specialty Waveguide Antennas Technical Data Sheet

PE9887-11

Configuration

Design	Broadband Standard Gain Horn
Pattern	Directional
Polarization	Linear
RF Connector	SMA Female

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	1		18	GHz
Nominal Gain		11		dBi
Horizontal 3dB Beam Width			62	Degrees
Vertical 3dB Beam Width			97	Degrees
VSWR		1.5:1		
Input Power (CW)			50	Watts

Mechanical Specifications

Size	
Length	9.606 in [243.99 mm]
Width	6.299 in [159.99 mm]
Height	8.031 in [203.99 mm]
Weight	3.535 lbs [1.6 Kg]
RF Connector	SMA Female

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: [Broadband SMA Waveguide Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 11 dBi Gain with SMA Female Input Connector PE9887-11](#)

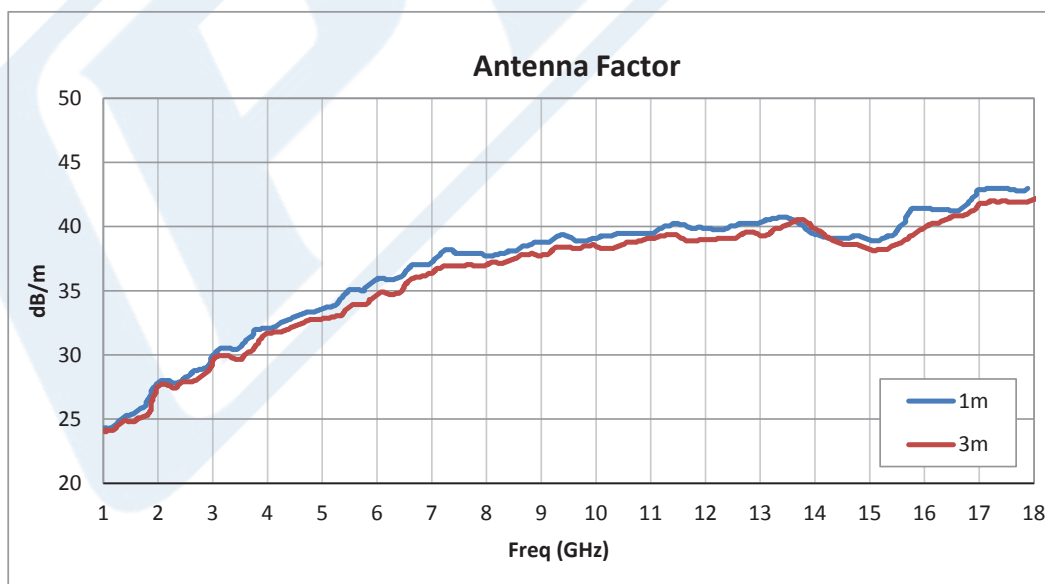
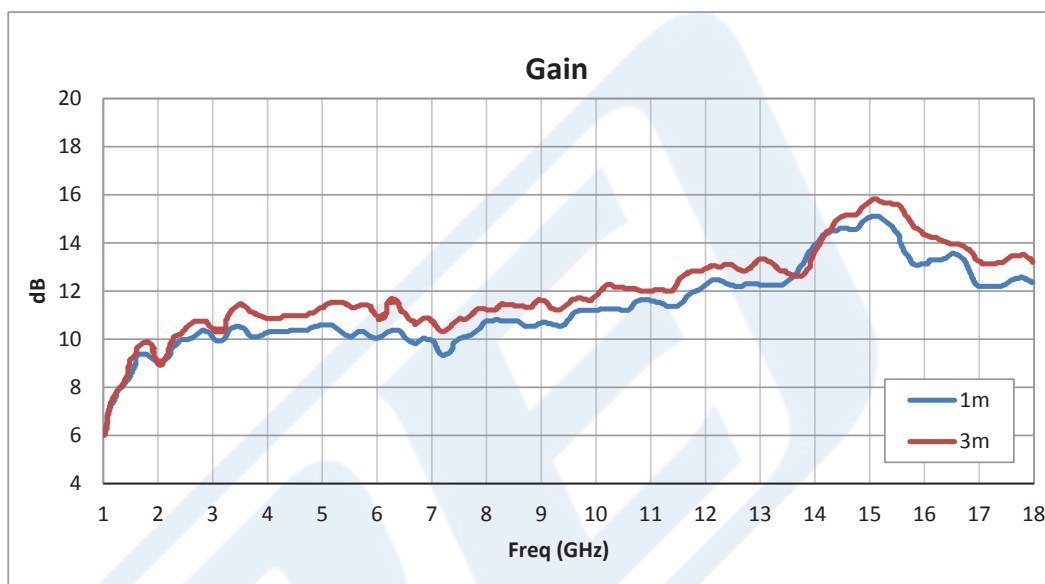


Broadband SMA Waveguide Horn Antenna Operating
from 1 GHz to 18 GHz with a Nominal 11 dBi
Gain with SMA Female Input Connector

Specialty Waveguide Antennas Technical Data Sheet

PE9887-11

Typical Performance Data



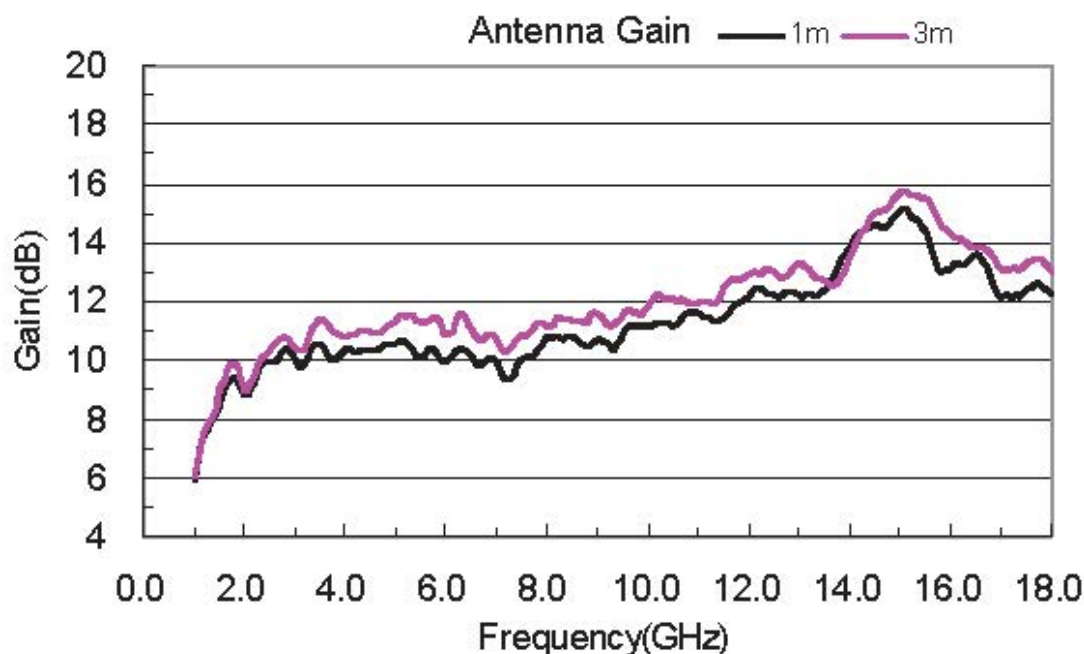
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Broadband SMA Waveguide Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 11 dBi Gain with SMA Female Input Connector PE9887-11](#)



Broadband SMA Waveguide Horn Antenna Operating
from 1 GHz to 18 GHz with a Nominal 11 dBi
Gain with SMA Female Input Connector

Specialty Waveguide Antennas Technical Data Sheet

PE9887-11



Broadband SMA Waveguide Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 11 dBi Gain with SMA Female Input 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.

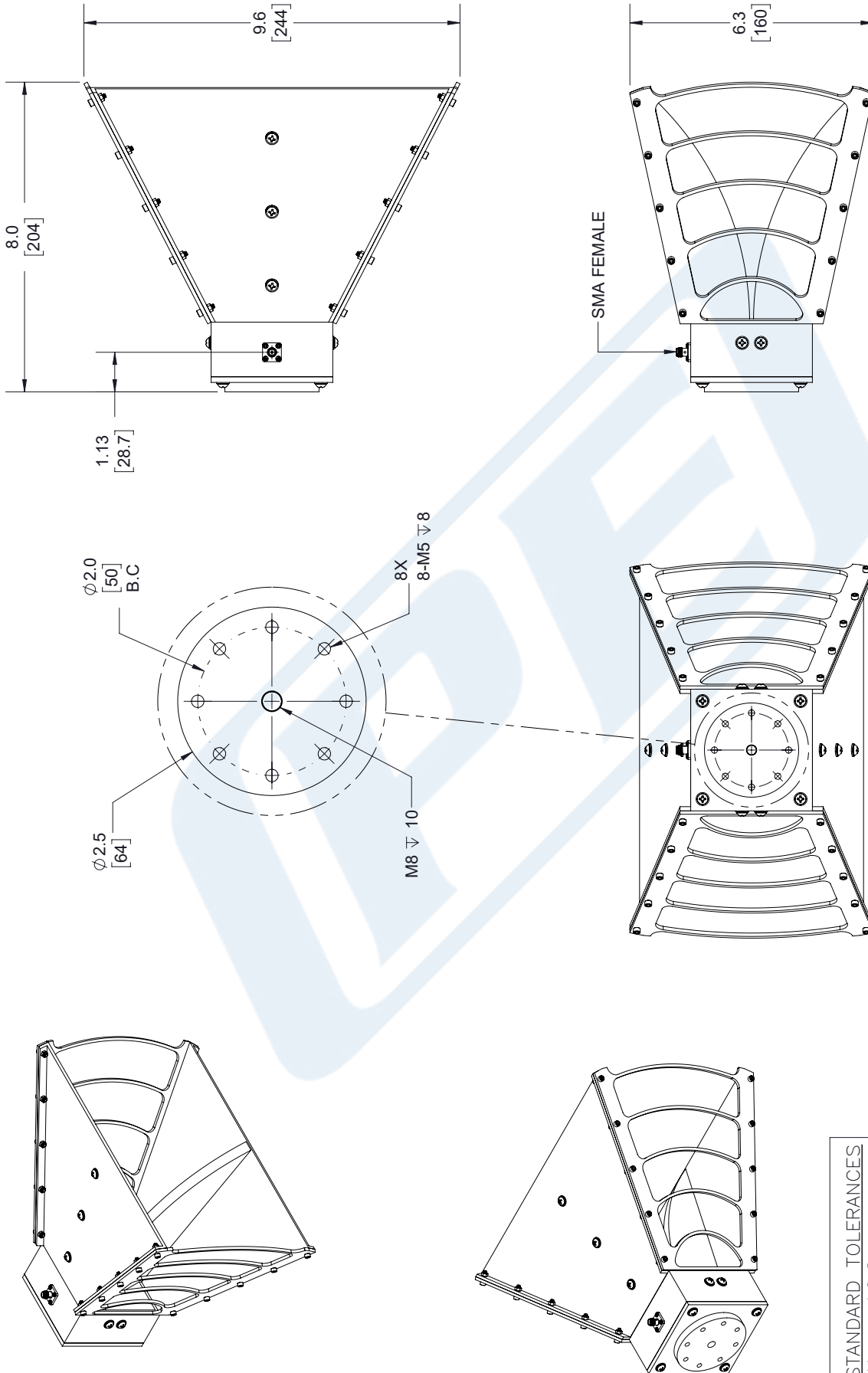
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Broadband SMA Waveguide Horn Antenna Operating from 1 GHz to 18 GHz with a Nominal 11 dBi Gain with SMA Female Input Connector PE9887-11](https://www.pasternack.com/broadband-gain-horn-antenna-1-18-ghz-11-db-sma-pe9887-11-p.aspx)

URL: <https://www.pasternack.com/broadband-gain-horn-antenna-1-18-ghz-11-db-sma-pe9887-11-p.aspx>

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.

PE9887-11 CAD Drawing

Broadband SMA Waveguide Horn Antenna Operating from 1 GHz to 18 GHz
with a Nominal 11 dBi Gain with SMA Female Input Connector



NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE

PE9887-11

CAGE CODE 53919

CAD FILE 10/03/18

SCALE N/A

SIZE A

7361

PE PASTERNAK®
THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com