



WR-187 Waveguide Standard Gain Horn Antenna
 Operating From 3.95 GHz to 5.85 GHz With a
 Nominal 10 dB Gain SMA Female Input

Gain Horns with Waveguide to Coax Adapters Tech-

PE9861/SF-10

Configuration

Design WR-187 Standard Gain Horn
 Pattern Directional
 Polarization Linear
 Coaxial Interface SMA Female

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	3.95		5.85	GHz
Impedance		50		Ohms
Waveguide Standard Gain Horn				
Gain		10		dB
Horizontal Half Power Beam Width		54.1		Degrees
Vertical Half Power Beam Width		55		Degrees
Waveguide to Coaxial Adapter				
Input VSWR			1.25:1	

Mechanical Specifications

Size
 Weight 295 lbs [133.81 Kg]

RF Connector
 Type SMA Female

Waveguide Interface
 Waveguide Size WR-187

Environmental Specifications

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

Plotted and Other Data

2 Dimensional OML Drawing PE9861/SF-10
 Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-187 Waveguide Standard Gain Horn Antenna Operating From 3.95 GHz to 5.85 GHz With a Nominal 10 dB Gain SMA Female Input PE9861/SF-10](#)



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WR-187 Waveguide Standard Gain Horn Antenna Operating From 3.95 GHz to 5.85 GHz With a Nominal 10 dB Gain SMA Female Input 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.

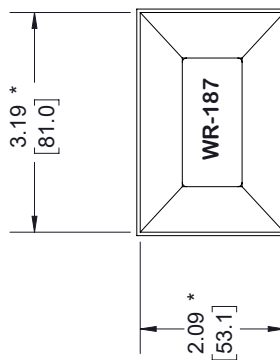
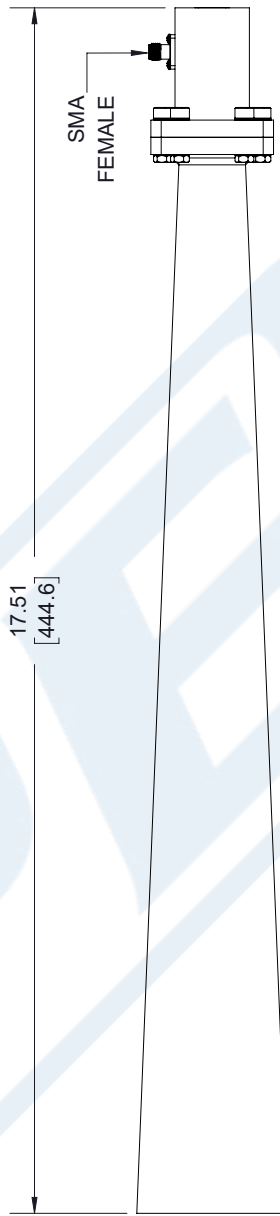
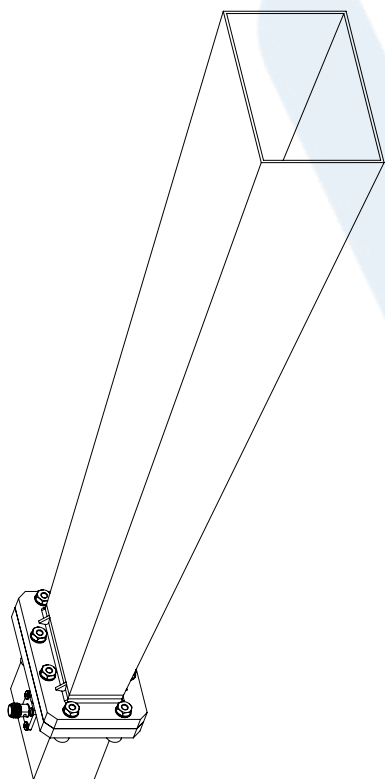
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PE9861/SF-10 CAD Drawing

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* INSIDE DIMENSION

STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE9861/SF-10

CAGE CODE 53919

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].

CAD FILE 101117

SCALE N/A

SIZE A

7361