

### LB-08420-10-A Multi Octave Horn Antenna 0.84-2GHz 10dB Gain Double Ridge Waveguide Interface

Multi Octave Horn Antenna From 0.84GHz to 2GHz With a Nominal 10dB Gain With Double Ridge Waveguide Interface

## Product Information

SKU	LB-08420-10-A
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## Description

Multi octave horn antenna LB-08420-10-A, operating from 0.84 to 2GHz with a nominal 10dB gain and low VSWR 1.5:1 with FPWRD84D24 output. The model LB-08420-10-A has uniform gain through its frequency span, providing efficient performance characteristics and directionality. Constructed of lightweight corrosion-resistant aluminum, the antenna will provide years of trouble-free indoor and outdoor service. This multi octave horn antenna is linearly polarized and ideally suited for EMI testing, direction finding, surveillance, antenna gain and pattern measurements and other applications.

## Technical Specification

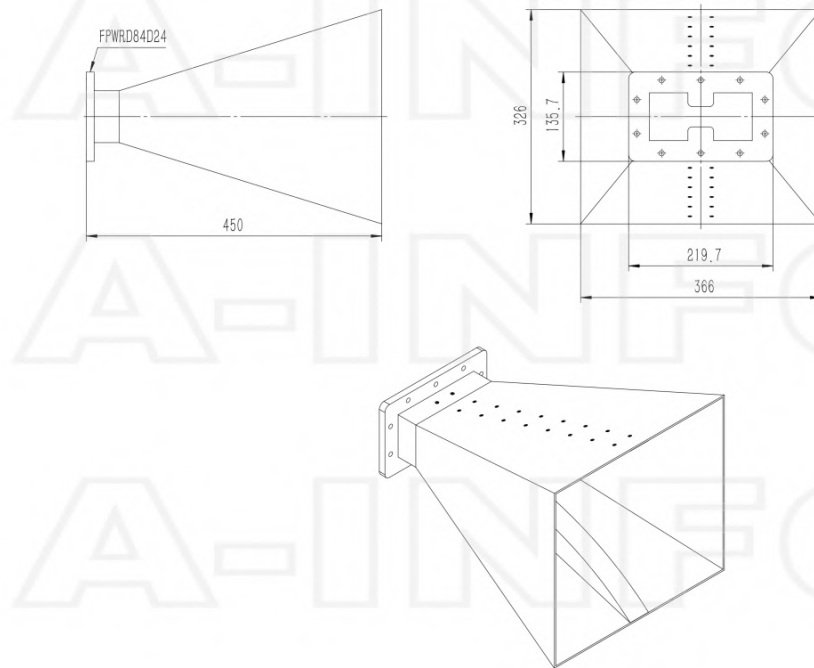
Electrical Specification		Interface	
Frequency, Min (GHz)	0.84	Output Type	Waveguide
Frequency, Max (GHz)	2	Flange Designation, WRD	FPWRD84D24
Waveguide Type	Double Ridge	Connector Gender	N/A
Waveguide Size EIA WRD	WRD84	Mechanical Specification	
Gain, Typ (dBi)	10	Figure	A Type
Polarization	Linear	Body Material	Al
Cross Pol. Isolation, Typ (dB)	25	Finish	Chemical Conversion Coating, Gray Paint
VSWR, Typ	1.5:1	Size, W (mm)	366
		Size, H (mm)	326
		Size, L (mm)	450
		Weight, (kg)	5.2

## Additional Information

Application	General Purpose Indoor & Outdoor, Fixed	Solution for	Gain Reference Antenna Measurement Far-field Measurement System Intergration
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## Outline Drawing

FPWRD84D24 Output (P/N: LB-08420-10-A)



## Related Products



84DRWCAN Right Angle Double Ridge Waveguide to Coaxial Adapter 0.84-2GHz WRD84 to N Type Female



84DRWECAN Endlaunch Double Ridge Waveguide to Coaxial Adapter 0.84-2GHz WRD84 to N Type Female



84DRWHCAN Right Angle High Power Double Ridge Waveguide to Coaxial Adapter 0.84-2GHz WRD84 to N Type Female



LB-08420-10-C-MB Round Type Mounting Bracket



LB-08420-10-C-L L type mounting bracket

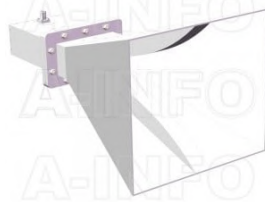


Tripod\_50Kg Al Alloy Tripod

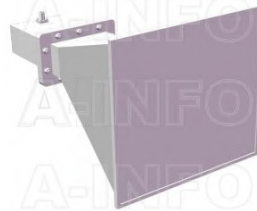
## Similar Products



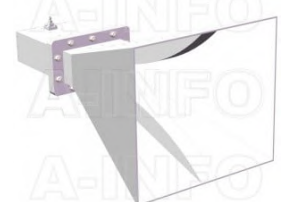
LB-08420-10-ASPO Multi Octave Horn Antenna 0.84-2GHz 10dB Gain Double Ridge Waveguide Interface



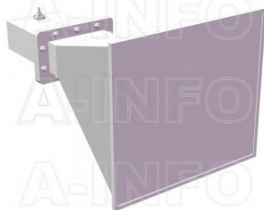
LB-08420-10-C-NF Multi Octave Horn Antenna 0.84-2GHz 10dB Gain N Type Female



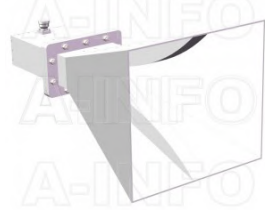
LB-08420-10-C-NFSPO Multi Octave Horn Antenna 0.84-2GHz 10dB Gain N Type Female



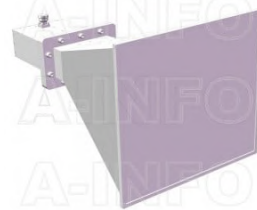
LB-08420-10-C-SF Multi Octave Horn Antenna 0.84-2GHz 10dB Gain SMA Female



LB-08420-10-C-SFSPO Multi Octave Horn Antenna 0.84-2GHz 10dB Gain SMA Female



LB-08420-10-C-7/16F Multi Octave Horn Antenna 0.84-2GHz 10dB Gain 7/16 DIN Female



LB-08420-10-C-7/16FSPO Multi Octave Horn Antenna 0.84-2GHz 10dB Gain 7/16 DIN Female

## About this Datasheet

<ul style="list-style-type: none"> <li>● <b>Product Information</b> Product Link: <a href="https://www.ainfoinc.com/lb-08420-10-a-multi-octave-horn-antenna-0-84-2-ghz-10db-gain-fpwr84d24">https://www.ainfoinc.com/lb-08420-10-a-multi-octave-horn-antenna-0-84-2-ghz-10db-gain-fpwr84d24</a> Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Contact Us</b> Address: 60 Tesla, Irvine, CA 92618, USA Website: <a href="http://www.ainfoinc.com">www.ainfoinc.com</a> Email: <a href="mailto:sales@ainfoinc.com">sales@ainfoinc.com</a></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Phone &amp; Fax</b> Phone: +1-949-639-9688 +1-949-639-9608 Fax: +1-949-639-9670</li> </ul>
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