



### LB-1536-10-C-NF Multi Octave Horn Antenna 1.5-3.6GHz 10dB Gain N Type Female

Multi Octave Horn Antenna Operating From 1.5GHz to 3.6GHz With a Nominal 10dB Gain With N Type Female Connector

## Product Information

SKU	LB-1536-10-C-NF
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## Description

Multi octave horn antenna LB-1536-10-C-NF, operating from 1.5 to 3.6GHz with a nominal 10dB gain and low VSWR 1.5:1 with N Type Female output connector. The model LB-1536-10-C-NF has uniform gain through its frequency span, providing efficient performance characteristics and directionality. It can handle 500W continuously and 3000W peak power. 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

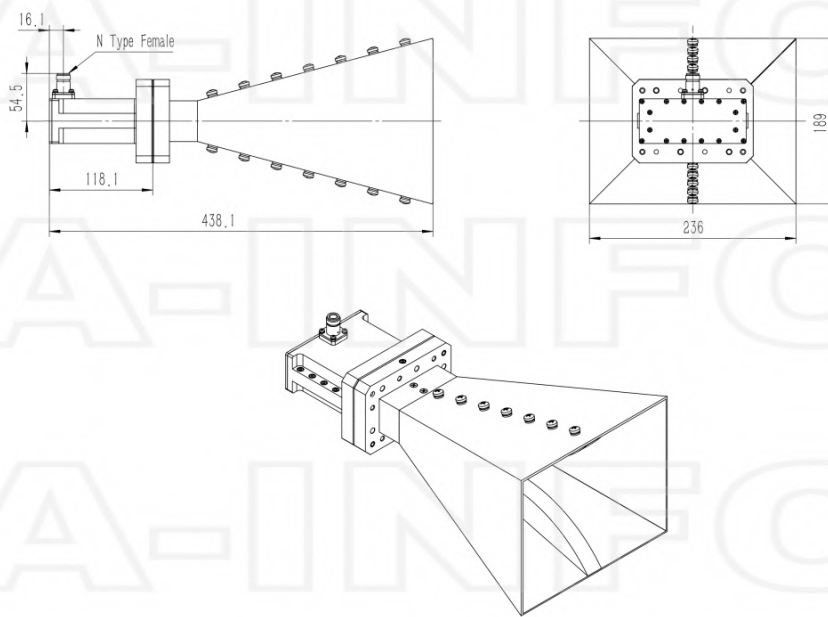
Electrical Specification		Interface	
Frequency, Min (GHz)	1.5	Output Type	Coaxial
Frequency, Max (GHz)	3.6	Connector	N Type
Waveguide Type	Double Ridge	Connector Gender	Female
Waveguide Size EIA WRD	WRD150	Mechanical Specification	
Gain, Typ (dBi)	10	Figure	C Type
Polarization	Linear	Body Material	Al
Cross Pol. Isolation, Typ (dB)	25	Finish	Chemical Conversion Coating, Gray Paint
VSWR, Typ	1.5:1	Size, W (mm)	236
Impedance, (Ohm)	50	Size, H (mm)	189
Power Handling, CW, (W)	500	Size, L (mm)	438.1
Power Handling, Peak, (W)	3000		

## 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

N-Female Output (P/N: LB-1536-10-C-NF)



## Related Products



LB-1536-10-C-MB Round Type Mounting Bracket



Tripod\_50Kg+Pole Antenna\_FA AI Alloy Tripod



NM-NM-A050-1000 Flexible Cable Assembly 1000mm DC-18GHz N Male to N Male



NM-NM-A050-1500 Flexible Cable Assembly 1500mm DC-18GHz N Male to N Male



NM-NM-A050-2000 Flexible Cable Assembly 2000mm DC-18GHz N Male to N Male



NM-NM-A050-3000 Flexible Cable Assembly 3000mm DC-18GHz N Male to N Male



NM-NM-A050-5000 Flexible Cable Assembly 5000mm DC-18GHz N Male to N Male



NM-NM-A050-10000 Flexible Cable Assembly 10000mm DC-18GHz N Male to N Male



NM-NM-A050-20000 Flexible Cable Assembly 20000mm DC-18GHz N Male to N Male



NM-NM-A100-500 Flexible Cable Assembly 500mm DC-18GHz N Male to N Male



NM-NM-A100-1000 Flexible Cable Assembly 1000mm DC-18GHz N Male to N Male



NM-NM-A100-1500 Flexible Cable Assembly 1500mm DC-18GHz N Male to N Male



NM-NM-A100-2000 Flexible Cable Assembly 2000mm DC-18GHz N Male to N Male



NM-NM-A100-3000 Flexible Cable Assembly 3000mm DC-18GHz N Male to N Male



NM-NM-A100-5000 Flexible Cable Assembly 5000mm DC-18GHz N Male to N Male



NM-NM-A100-10000 Flexible Cable Assembly 10000mm DC-18GHz N Male to N Male



NM-NM-A100-20000 Flexible Cable Assembly 20000mm DC-18GHz N Male to N Male

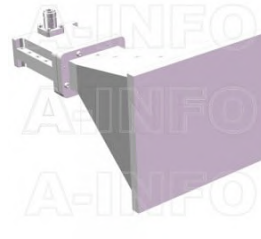
## Similar Products



LB-1536-10-A Multi Octave Horn Antenna 1.5-3.6GHz 10dB Gain Double Ridge Waveguide Interface



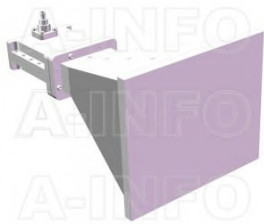
LB-1536-10-ASPO Multi Octave Horn Antenna 1.5-3.6GHz 10dB Gain Double Ridge Waveguide Interface



LB-1536-10-C-NFSPO Multi Octave Horn Antenna 1.5-3.6GHz 10dB Gain N Type Female



LB-1536-10-C-SF Multi Octave Horn Antenna 1.5-3.6GHz 10dB Gain SMA Female



LB-1536-10-C-SFSPO Multi Octave Horn Antenna 1.5-3.6GHz 10dB Gain SMA Female

## About this Datasheet

<ul style="list-style-type: none"> <li>● <b>Product Information</b> Product Link: <a href="https://www.ainfoinc.com/lb-1536-10-c-nf-multi-octave-horn-antenna-1-5-3-6-ghz-10db-gain-n-type-female">https://www.ainfoinc.com/lb-1536-10-c-nf-multi-octave-horn-antenna-1-5-3-6-ghz-10db-gain-n-type-female</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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