PASTERNACK
an INFINITE brand

1.8 dBi, VHF Rubber Duck Antenna, 139-149 MHz, BNC-J Connector, Vertical Polarization

Antennas Technical Data Sheet PEANRBD1008

Features

- 139 MHz to 149 MHz, 1.8 dBi Gain
- BNC connector
- Heliflex whip antenna
- Plug and play
- 20W power handling
- VSWR < 3:1
- Vertical polarization

Applications

- PtP or PtMP applications
- Trunking for two-way radio comms
- VHF applications
- Public Safety / Emergency services
- Marine / Rail road communications
- P-25 applications exclusively supported
- Land mobile radio (LMR)
- Fixed and mobile services

Description

The PEANRBD1008 rubber duck antenna from Pasternack is part of our extensive line of directional antennas that we offer with global same-day shipping from our facilities certified to ISO 9001:2015. Pasternack's high-quality single-band rubber duck antenna has a 1.8 dBi nominal gain and can be procured with no order limit. This rubber duck single-band 1.8 dBi antenna has a frequency range of 139 MHz to 149 MHz.

We lead the industry in supplying products like this 139 MHz to 149 MHz single-band antenna, along with other RF, microwave, and millimeter wave components. This rubber duck antenna from Pasternack uses a BNC-J connector and has a maximum input power of 20 watts. Use our single-band rubber duck antenna with vertical polarization for fixed and mobile services, public safety or emergency services, trunking for two-way radio communications, marine or rail road communications, land mobile radio (LMR), PtP or PtMP, and P-25 applications.

Pasternack's rubber duck antenna with 1.8 dBi gain has a BNC-J-type connector. This BNC-J-series connectorized omnidirectional antenna is 0.5 inches tall, 0.5 inches wide, and 5.9 inches long. The PEANRBD1008 VHF antenna has 360-degrees of horizontal and 90-degrees of vertical HPBW. Our high-quality antenna has a maximum input VSWR (voltage standing wave ratio) of 3:1.

Pasternack's 50 Ohms impedance antenna can operate at temperatures ranging from -40 °C to 60 °C. This single-band rubber duck antenna is offered with expert technical support, PDF datasheets, and CAD drawings with dimensions and specifications. Order your 1.8 dBi VHF rubber duck antennas now and enjoy our international or domestic same-day shipping.

Configuration

Design	Rubber Duck
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	BNC-J

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	139		149	MHz
Input VSWR			3:1	
Impedance		50		Ohms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.8 dBi, VHF Rubber Duck Antenna, 139-149 MHz, BNC-J Connector, Vertical Polarization PEANRBD1008

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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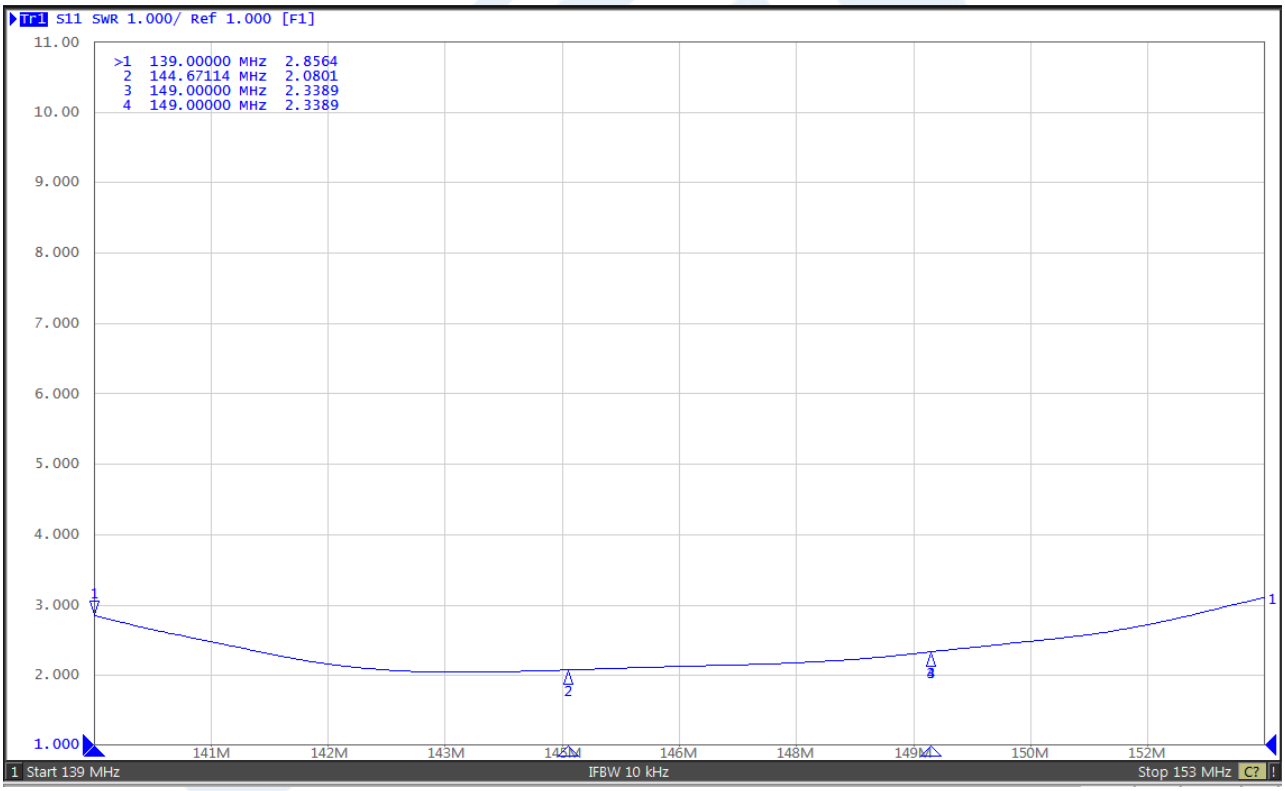
Gain	1.8		dBi
Horizontal (Azimuth) Beam Width	Omnidirectional		
Vertical (Elevation) Beam Width	90		Degrees
Input Power		20	Watts

VSWR plot:



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Mechanical Specifications

Radome Material	PE
Size	
Overall Length	5.9 in [149.86 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.05 lbs [22.68 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +60 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

1.8 dBi, VHF Rubber Duck Antenna, 139-149 MHz, BNC-J Connector, Vertical Polarization 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: https://www.pasternack.com/1.8-dbi-vhf-rubber-duck-antenna-139-149-mhz-bnc-j-connector-vertical-polarization-pean-rbd1008-p.aspx

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PEANRBD1008 CAD Drawing

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