



## DESCRIPTION

### Log Periodic Antenna

The DRT9156-1 Log Periodic Antenna operates over the 1 to 2.5 GHz frequency range.

The broadband frequency capacity of the 9156-1 eliminates the need for band switching, element extension or external tuning.

The DRT9156-1 is capable of operating either as a transmitting or as a receiving antenna over the frequency range of 1 to 2.5 GHz. Its linearly polarized design permits separate measurement of horizontal and vertical electric field components over its established range.

### Features

- Wide Frequency Cover ~ High Sensitivity
- Flat frequency response ~ Compatible with many measurement

# **DRT9156-1 Log Periodic Antenna Specifications**

## **Electrical**

<b>Frequency:</b>	1.0 GHz – 2.0 GHz
<b>Impedance:</b>	50 Ohms nominal
<b>Gain:</b>	5 dB typical
<b>Average VSWR:</b>	<2.5:1
<b>Maximum Continuous Power:</b>	50 W
<b>Average E Plane Beamwidth:</b>	70°
<b>Average H Plane Beamwidth:</b>	125°
<b>Connector:</b>	Type N female; SMA male adaptor included

## **Mechanical**

<b>Size:</b>	
<b>Length:</b>	216 mm (10.25")
<b>Depth:</b>	203 mm (8")
<b>Width:</b>	32 mm (1.25")
<b>Weight:</b>	454 g (1 lb.)

Approved by DoD/OSR for public release under 14-S-2169 on 31 July 2014. Data, including specifications, contained within this document are summary in nature and subject to change without notice.

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