



DESCRIPTION

Wideband Discone Antenna

The DRT9105-1 provides very wide frequency range omni-directional coverage in a single package. The antenna collapses for convenient storage and transport.

Features:

- Small Size
- Very wide frequency coverage
- Passive response (no active components)
- Internal combiner (no bandswitching)

DRT9105-1

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Specifications

Electrical

Frequency Range:	30 MHz – 3 GHz
Impedance:	50 Ohms, nominal
Gain (Average):	30 – 300 MHz -15 (dBi) 300 - 3000 MHz -3 (dBi)
Polarization:	Vertical
VSWR (Average):	<2.5:1
Output Connector:	Type N male; SMA male adaptor included

Mechanical

Height:	
w/o Upper Rod:	49.8 cm (19.6")
w/ Upper Rod:	165.8 cm (65.3")
Length:	
Upper Antenna Rod:	115.8 cm (45.6")
Diameter:	
Stowed Configuration:	11.4 cm (4.5")
Deployed Configuration:	45.7 cm (18")
Antenna Disk: (Counterpoise)	32 cm (12.6")
Weight:	3 kg (6.5 lbs.)

Removable base 32 cm (12.6"). Tripod mountable ¼ x 20 thread.

Approved by DoD/OSR for public release under 14-S-2168 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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