



DESCRIPTION

Wideband Discone Antenna

The DRT9105 provides very wide frequency range omni-directional coverage in a single package. Recently designed active circuitry provides exceptional immunity to overload without compromising sensitivity. The antenna collapses for convenient storage and transport.

Features

- Small Size
- Very wide frequency coverage
- Flat frequency response
- High immunity to overload

DRT9105

Wideband Discone Antenna Specifications

Electrical

Frequency Range (calibrated):	10 kHz - 2 GHz
Impedance:	50 Ohms, nominal
Overload:	2 V/m below 50 MHz (+5 dBm at output connector)
Power Source:	15 VDC supplied by external DRT-9106 Battery Pack/Charger Module
Battery Life:	8 hours, nominal
Polarization:	Vertical
Output Connector:	Type N male; SMA male adaptor included

Mechanical

Height:	
W/o Upper Rod:	57.2 cm (22.5")
W/ Upper Rod:	
Fully Collapsed:	82.6 cm (32.5")
Fully Extended:	~ 203.2 cm (~80")
Lower Radial Elements:	40.6 cm (16")
Length:	
Upper Antenna Rod:	
Fully Collapsed:	25.4 cm (10")
Fully Extended:	~ 144.8 cm (~57")
Lower Radial Elements:	40.6 cm (16")
Diameter:	11.4 cm (4.5")
Stowed Configuration:	
Deployed Configuration:	45.7 cm (18")
Antenna Disk:	32 cm (12.6")
(Counterpoise)	
Weight:	2 kg (4.5 lbs.)

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