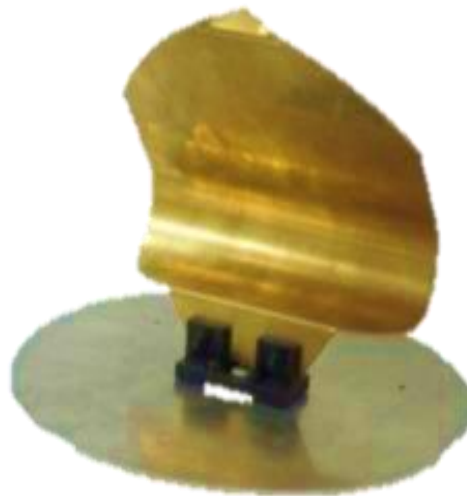


PHANT-3000

Leaf Antenna



General Description

The PHANT-3000 leaf antenna is designed to provide wideband Omni-directional radio signals from 500 to 3,000 MHz frequency band. The mounting bracket at the end of the antenna permits to use the antenna for mobile application or vehicle mount applications. This leaf antenna is particularly suitable for transmission, reception or monitoring purpose.

System Features

The PHANT-3000 assembled leaf antennas dimensions are 125 mm long and 200 mm wide. The leaf antenna base operates at D.C. ground with low resistance discharge path for protection against lightning and immunity to noise. The antenna structure built from aluminum & brass material for long durability.

Electrical Specifications

Frequency Range	500-3000 MHz
Gain	5-6 dBi
Bandwidth	2,500 MHz
Polarization	Vertical
Input Impedance	50 Ohms
Radiation Pattern	Omni-Directional
VSWR	2:1 Max.
RF Power Handling Capacity	50 Watts
Input Termination	N-Female
Lightning Protection	Direct Ground

Mechanical Specifications

Materials	Aluminum & Brass
Mounting Hardware - Materials	Aluminum
Wind Rating	200 Km/Hr.
Gross Weight	140 mm
External Leaf - Materials - Cross Section - Outer Diameter	Brass Round Tube 200 mm
Insulator Material	Teflon & Nylon
Gross Weight	300 Grams
Materials	Aluminum & Brass

Environmental Specifications

Operating Temperature	(-) 30 to +70 Degrees Celsius
Storage Temperature	(-) 40 to +80 Degrees Celsius
Humidity	0 to 95% RH

Specifications are subject to change without prior notice

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