

ANT S.r.l.

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DESCRIPTION

½ wave dipole antenna in range 2300-2500 MHz
Suitable for applications
WiFi, Wlan, LoRa, Zegbee, Bluetooth, ISM
4G/LTE-5G Band 40



Norte 2400MHz (black, connection N-M)
Norte 2400MHz (black, connection N-M RA)

P/N: F01-029

P/N: F01-034

ELECTRICAL DATA

Frequency range
(with V.S.W.R. < 2 : 1) 2300-2500 MHz
Impedance: 50 Ω
V.S.W.R.: < 1.5 : 1
Maxd power: 15 W
Polarisation: Linear
Radiation: Omnidirectional
Gain: 2.1 dBi
Beamwidth (-3dB E-Plane): 77°
Beamwidth (-3dB H-Plane): 360°

MECHANICAL DATA

Dimensions (about): Ø19x150 mm
Connection: N plug om request N plug RA)
Cable: On request
Operating temperature range: -30° / +80°C
Weight: 0.065 kg
Radome material: PVC tube in black colour (white on request)
Radiating element material: Copper
Optional ccessories: Supports for mounting on wall or pole.



Intended use: Antenna for static applications on devices such as gateways, modems, control units etc.

Who may install/maintain it: Antenna to be installed/maintained only by experienced RF personnel.

Protection against oxidation: the antenna is designed to be able to withstand the worst climatic conditions and so that the oxidation of its parts is prevented: the plastic parts are made of raw materials resistant to external environmental agents.

RoHS Directive : The antenna complies with the RoHS Directive and its subsequent..

MOUNTING INSTRUCTIONS:

Please install the antenna on a N-socket connector.

WARNING:

The antenna does not require a ground plane however its performances may be influenced by grounds in its proximity.

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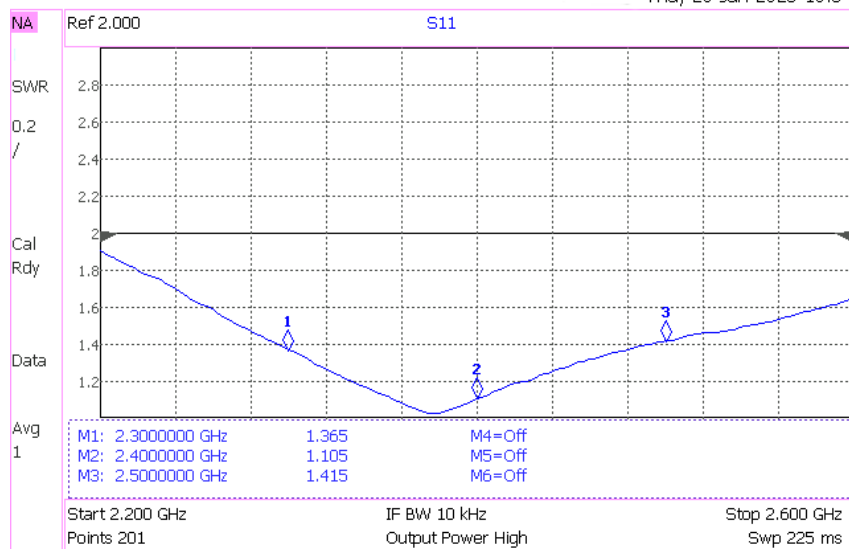
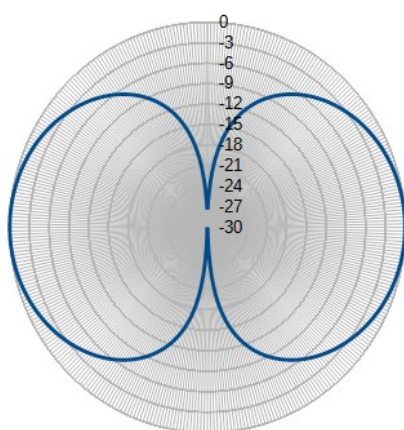
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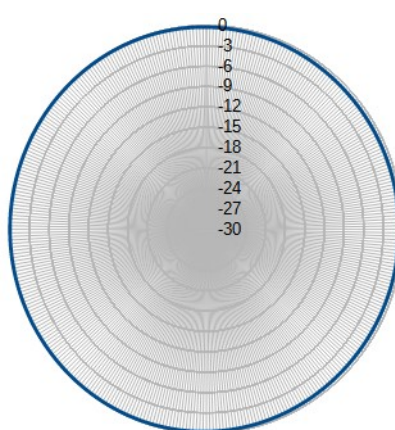
V.S.W.R.

Keysight Technologies

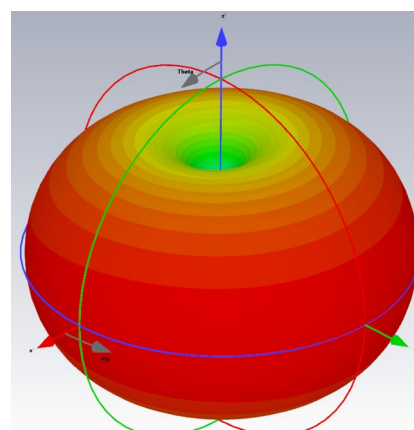
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**Radiating patterns**

E-plane



H-plane



3D Simulation

ITS NAME:

Norte: the Norte is a strong winter wind blowing towards the north or north-east over the Mexican coast of the Gulf of Mexico. It often brings rain.