

Page



Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

ComAnt Omni-Directional Coaxial Dipole Antenna, 380 to 410 MHz, 2dBi, N Female

SKU
ANT-CA-00001
MPN
CA4000

Description

The ComAnt Omni-Directional Coaxial Dipole Antenna (SKU: ANT-CA-00001) by CompleTech is designed for reliable performance across the 380 to 410 MHz frequency range, offering a peak gain of 2dBi. It features a robust IP67-rated ABS plastic and Beryllium Copper construction, ensuring durability in harsh environments with an operational temperature range from -40°C to 80°C. Equipped with an N Female connector, this antenna provides a stable 50 Ω impedance and is vertically polarised, making it suitable for various professional communication applications.

CompleTech, established in Finland, specialises in high-quality communications antennas and accessories. The ComAnt series is known for its versatile design, supporting diverse VHF, UHF, and SHF-band applications with adaptable radiation patterns and gains. The antenna's modular construction facilitates easy transitions between applications, accommodating evolving requirements.

ComAnt...

[Read More](#)



CompleTech

CompleTech is a Finnish-owned company group specialising in the design, manufacturing and marketing of high quality ComAnt® communications antennas for professionals since 1990.

Radome enclosed IP67 proof ComAnt® antennas are in serial production covering all the main VHF-, UHF- and SHF-bands with different radiation patterns, polarizations and gains. The modularity principle makes it easy to turn ...

RF Specification

Start Frequency

380 MHz

Stop Frequency

410 MHz

Polarisation

Vertical (V)

Input Impedance

50 Ω

RF Connectors

Ports RF Interface Body Shape

1 N Female Straight

Frequency Test Data

Start Freq. Stop Freq. Peak Gain VSWR Azimuth Elevation F/B Ratio

380 MHz 410 MHz 2 dBi < 1.5:1 360° 81° > 0 dB

Physical Specification

Subtype

[Dipole](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

80 °C

Dimensions

695

Ingress Protection

[IP67](#)

Materials

[ABS Plastic](#), [Polyurethane \(PUR\)](#)

Mounting

[Pole Clamp 35 to 60 mm ø](#)

Weight

0.78 kg

Compliance/Certifications

CE

,

RoHS

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

