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

SKU
ANT-CA-00001
MPN
CA400O

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...

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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 ⌀
Weight
0.78 kg
Compliance/Certifications
CE
,
RoHS

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