

# 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  $\Omega$  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.

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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	Polarisation:	Vertical (V)
Stop Frequency:	410 MHz	Input Impedance:	50

## 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	Dimensions:	695
Input Ports:	1	Ingress Protection:	IP67
MIMO:	1x1 SISO	Materials:	ABS Plastic, Polyurethane (PUR)
Min. Operating Temperature:	-40 °C	Mounting:	Pole Clamp 35 to 60 mm
Max. Operating Temperature:	80 °C	Weight:	0.78 kg
		Compliance/Certifications:	CE
			,
		RoHS	

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