

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  $\Omega$  impedance and is vertically polarised, making it suitable for various professional communication applications.

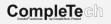
CompleTech, established in Finland, specialises in high-quality communications antennas and accessories. The ComAnt series is known for its versatile design, supporting diverse VHF, UHF, and SHF-band applications with adaptable radiation patterns and gains. The antenna's modular construction facilitates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

PortsRF InterfaceBody Shape1N FemaleStraight

## 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 (PU	
Min. Operating Temperature:	-40 °C	Mounting:	Pole Clamp 35 to 60 mm	
lax. Operating Temperature:	80 °C	Weight:	0.78 kg	
		Compliance/Certifications:	CE	
		RoHS	ı	

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