

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.

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RF Specification

| | | | |
|------------------|--|------------------|--------------|
| Start Frequency: | CompleTech 380 MHz | Polarisation: | Vertical (V) |
| Stop Frequency: | CompleTech 410 MHz | Input Impedance: | 50 |
| RF Connectors | 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 ... | | |

Ports

1

RF Interface

N Female

Body Shape

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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