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# **ComAnt Offset Pattern Collinear Antenna, 440 to 475 MHz, 11dBi, N Female**

SKU  
ANT-CA-00007  
MPN  
CA450C4

## Description

The ComAnt Offset Pattern Collinear Antenna (SKU: ANT-CA-00007) by CompleTech is a robust solution for professional communication systems operating between 440 and 475 MHz. With a peak gain of 11 dBi and a vertical polarisation, this antenna ensures optimal performance in demanding environments. Constructed from durable materials like ABS plastic, fibreglass, polyurethane, and beryllium copper, it boasts an IP67 rating, ensuring resistance to dust and water, making it ideal for outdoor applications across a wide temperature range of -40 °C to 80 °C.

CompleTech, a trusted Finnish manufacturer, incorporates modularity into the ComAnt® design, allowing easy adaptability across various VHF, UHF, and SHF bands. The antenna features a single RF input port with a 50  $\Omega$  impedance, supporting a seamless integration into existing systems with minimal VSWR (< 1.5:1) for efficient signal transmission.

ComAnt® antennas meet stringent CE and RoHS...

[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

440 MHz

Stop Frequency

475 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**

440 MHz      475 MHz      11 dBi      < 1.5:1 360°

## Physical Specification

Subtype

[Collinear](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

80 °C

Dimensions

2295

Ingress Protection

[IP67](#)

Materials

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

Mounting

[Pole Clamp 35 to 60 mm ø](#)

Weight

3.43 kg

Compliance/Certifications

CE

,

RoHS

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