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ComAnt Offset Pattern Dipole Antenna, 440 to 475 MHz, 5dBi, N Female

SKU
ANT-CA-00008
MPN
CA450D

Description

The ComAnt Offset Pattern Dipole Antenna (SKU: ANT-CA-00008) by CompleTech is a robust solution designed for professional communication applications within the 440 to 475 MHz frequency range. Offering a peak gain of 5dBi, it ensures reliable signal performance and is housed in a durable ABS Plastic and Polyurethane enclosure. Its IP67 rating guarantees resistance to dust and water, making it suitable for harsh environments.

This antenna features a single N Female connector, facilitating seamless RF connections with 50 Ω impedance. It supports vertical polarisation, enhancing its adaptability for various transmission requirements. The antenna's meticulous design, compliant with RoHS standards, underscores CompleTech’s commitment to environmental responsibility and quality, backed by ISO 9001 certification.

CompleTech's Finnish expertise since 1990 reflects in the antenna's engineering, focusing on modularity to cater to diverse VHF, UHF...

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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
135 MHz
Stop Frequency
960 MHz
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface
1	N Female

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation
440 MHz	475 MHz	5 dBi	< 1.5:1	179°	74°

Physical Specification

Subtype
Dipole
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
80 °C
Ingress Protection
IP67
Materials
ABS Plastic, Polyurethane (PUR), Beryllium Copper
Compliance/Certifications
RoHS

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