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ComAnt Cross-Polarised Yagi Antenna, 440 to 475 MHz, 10dBi, N Female

SKU
ANT-CA-00010
MPN
CA450X++

Description

The ComAnt Cross-Polarised Yagi Antenna (ANT-CA-00010) by CompleTech is engineered for robust performance in the 440 to 475 MHz frequency range. Delivering a peak gain of 10 dBi, this antenna is ideal for professional communication applications requiring reliable signal strength and clarity. Constructed with durable materials like ABS plastic, fibreglass, and aluminium, it boasts an IP67 rating, ensuring protection against dust and water ingress, and operates effectively in temperatures ranging from -40 °C to 80 °C.

This antenna features a dual slant $\pm 45^\circ$ polarisation, enhancing its versatility in diverse environments. The N Female RF connection ensures seamless integration with existing systems. Complying with RoHS directives, the antenna aligns with environmental standards, making it a sustainable choice for organisations committed to eco-friendly practices.

CompleTech, a Finnish pioneer in antenna technology since 1990, guarantees...

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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

440 MHz

Stop Frequency

475 MHz

Polarisation

[Dual Slant \$\pm 45^\circ\$](#)

Input Impedance

50 Ω

RF Connectors

RF Interface Body Shape

[N Female](#)

[Straight](#)

Frequency Test Data

Start Freq. Stop Freq. Peak Gain

440 MHz 475 MHz 10 dBi

Physical Specification

Subtype

[Yagi](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

80 °C

Ingress Protection

[IP67](#)

Materials

[ABS Plastic](#), [Fibreglass \(GRP\)](#), [Aluminium](#)

Compliance/Certifications

RoHS

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