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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 ±45° 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 ±45°
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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