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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	Polarisation:	Dual Slant ±45°
Stop Frequency:	475 MHz	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	Ingress Protection:	IP67
Input Ports:	1	Materials:	ABS Plastic, Fibreglass (GRP), Aluminium
MIMO:	1x1 SISO	Compliance/Certifications:	RoHS
Min. Operating Temperature:	-40 °C		
Max. Operating Temperature:	80 °C		

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