

# ComAnt Cross-Polarised Yagi Antenna, 440 to 475 MHz, 8dBi, N Female

SKU: ANT-CA-00009

MPN: CA450X+

## Description

The ComAnt Cross-Polarised Yagi Antenna (SKU: ANT-CA-00009), developed by CompleTech, operates in the 440 to 475 MHz range and is designed for professional communication applications. Its robust construction, featuring ABS plastic, aluminium, and beryllium copper, is IP67 certified, ensuring durability in harsh environments from -40 °C to 80 °C. The antenna provides a peak gain of 8 dBi, ensuring strong signal performance, while its dual slant  $\pm 45^\circ$  polarisation enhances signal reception and transmission capabilities.

Engineered for easy integration, the antenna features a single N Female RF connection and complies with CE and RoHS standards, meeting global environmental and safety regulations.

CompleTech, a Finnish company with a long-standing reputation since 1990, specialises in high-quality communication antennas. Their modular design allows for flexibility across various applications, adapting to changing needs without requiring new...

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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 $\pm 45^\circ$
Stop Frequency:	475 MHz	Input Impedance:	50

## RF Connectors

Ports	RF Interface
1	N Female

## Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	F/B Ratio	Inter-Port Iso.
440 MHz	475 MHz	8 dBi	< 1.5:1	69°	68°	> 12 dB	> 30 dB

# Physical Specification

Subtype:	Yagi	Ingress Protection:	IP67
Input Ports:	1	Materials:	ABS Plastic, Aluminium, Beryllium Copper
MIMO:	1x1 SISO	Compliance/Certifications:	CE ,
Min. Operating Temperature:	-40 °C	RoHS	
Max. Operating Temperature:	80 °C		

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