

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...

[Read More](#)

RF Specification

Start Frequency:	440 MHz	Polarisation:	Dual Slant $\pm 45^\circ$
Stop Frequency:	475 MHz	Input Impedance:	50
 <p>CompleTech is a Finnish-owned company group specialising in the design, manufacturing and marketing of high quality ComAnt® communications antennas for professionals since 1990.</p>			
RF Connectors		RF Interface	
Ports	Radome enabled. All 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 ...		
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		

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

