

# 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...

[Read More](#)

## RF Specification

Start Frequency:	CompleTech 440 MHz	Polarisation:	Dual Slant $\pm 45^\circ$
Stop Frequency:	CompleTech 475 MHz	Input Impedance:	50
RF Connectors	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 Interface**

N Female

**Body Shape**

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		

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.

