

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...

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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

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 | | |

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