

ComAnt Cross-Polarised Yagi Antenna, 830 to 890 MHz, 10dBi, N Female

SKU: ANT-CA-00015
 MPN: CA860X++


Description

The ComAnt Cross-Polarised Yagi Antenna (ANT-CA-00015) is a robust, high-performance antenna designed by CompleTech for demanding professional applications. Operating within the 830 to 890 MHz frequency range, this antenna delivers a consistent 10 dBi peak gain, making it ideal for VHF, UHF, and SHF band communications. Its dual slant $\pm 45^\circ$ polarisation enhances signal reception and transmission, while the IP67-rated ABS plastic and aluminium construction ensures durability in harsh environments, withstanding temperatures from -40°C to 80°C .

The antenna features a single N Female connector, facilitating straightforward integration into existing systems. ComAnt antennas are known for their modularity, easily adapting to various applications with interchangeable components. Manufactured in Finland, CompleTech emphasizes environmental responsibility, using materials compliant with WEEE and RoHS directives and ensuring minimal environmental...

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RF Specification

| | | | |
|--|---|------------------|---------------------------|
| Start Frequency: | 830 MHz | Polarisation: | Dual Slant $\pm 45^\circ$ |
| Stop Frequency: | 890 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 | <p>Body Shape 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 ...</p> | | |
| RF Interface | <p>Radome enclosed IP67 proof ComAnt®</p> | | |
| N Female | <p>Straight</p> | | |

Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR | Azimuth | Elevation | F/B Ratio |
|-------------|------------|-----------|---------|---------|-----------|-----------|
| 830 MHz | 890 MHz | 10 dBi | < 1.5:1 | 55° | 54° | > 12 dB |

Physical Specification

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

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