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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 ±45° 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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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
830 MHz
Stop Frequency
890 MHz
Polarisation
Dual Slant ±45°
Input Impedance
50 Ω
RF Connectors

RF Interface	Body Shape
N Female	Straight

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

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