

Page



Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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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[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 \$\pm 45^\circ\$](#)

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
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830 MHz	890 MHz	10 dBi	< 1.5:1	55°	54°	> 12 dB
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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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