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ComAnt Cross-Polarised Yagi Antenna, 380 to 410 MHz, 10dBi, N Female

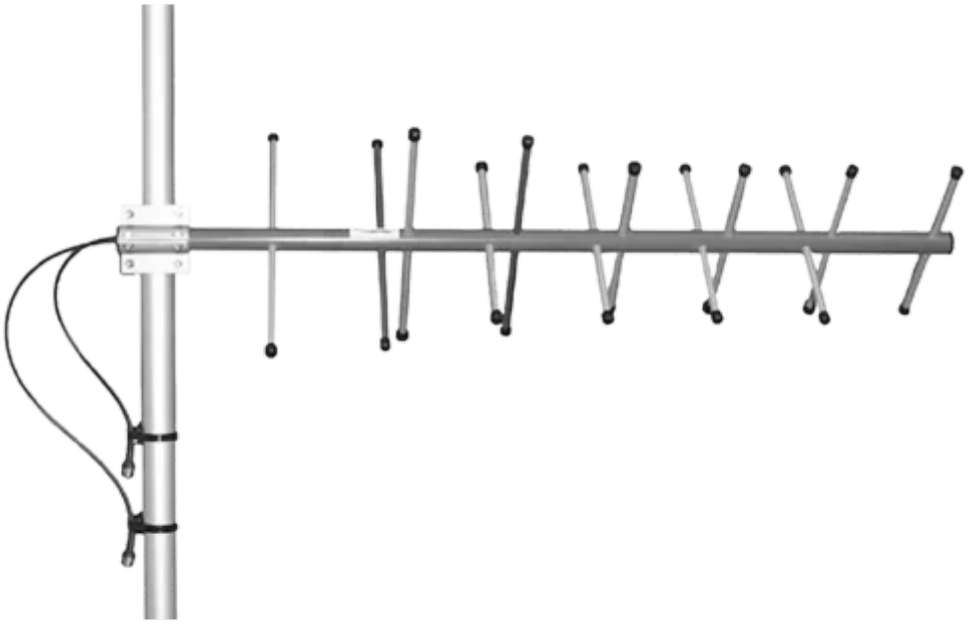
SKU
ANT-CA-00003
MPN
CA400X++

Description

The ComAnt Cross-Polarised Yagi Antenna (SKU: ANT-CA-00003) from CompleTech is designed for professional communication applications within the 380 to 410 MHz frequency range. Offering a peak gain of 10dBi, this antenna features dual slant ±45° polarisation and boasts a sturdy IP67-rated enclosure, ensuring reliable performance in harsh environments from -40 °C to 80 °C. Its dual N Female RF connections facilitate seamless integration into complex systems, supporting 2x2 MIMO configurations for enhanced signal quality.

Constructed from durable aluminium and ABS plastic, the antenna's radome enclosure is environmentally friendly, aligning with WEEE and RoHS standards. With a front-to-back ratio exceeding 12 dB and inter-port isolation greater than 30 dB, the antenna delivers robust performance with minimal interference. The ComAnt Yagi antenna is ideal for use in VHF, UHF, and SHF-band applications, adaptable through CompleTech’s modular...

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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
380 MHz
Stop Frequency
410 MHz
Polarisation
Dual Slant ±45°
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface
2	N Female

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	F/B Ratio	Inter-Port Iso.
380 MHz	410 MHz	10 dBi	< 1.5:1	55°	54°	> 12 dB	> 30 dB

Physical Specification

Subtype
Yagi
Input Ports
2
MIMO
2x2 MIMO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
80 °C
Dimensions
1150
Ingress Protection
IP67
Materials
ABS Plastic, Aluminium
Mounting
Pole Clamp 35 to 60 mm ⌀
Weight
1.44 kg
Compliance/Certifications
RoHS

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