

# ComAnt Cross-Polarised Yagi Antenna, 880 to 960 MHz, 10dBi, N Female

SKU: ANT-CA-00017

MPN: CA930X++

## Description

The ComAnt Cross-Polarised Yagi Antenna (SKU: ANT-CA-00017) operates within the 880 to 960 MHz frequency range, offering a peak gain of 10 dBi. Designed by CompleTech, a Finnish leader in professional communication antennas, this model features dual polarisation (vertical and horizontal) and a 2x2 MIMO configuration, enhancing signal clarity and performance. Constructed from durable aluminium and enclosed in an IP67-rated radome, it can withstand extreme conditions, operating between -40 °C and 80 °C.

This antenna is equipped with two N Female RF connections for streamlined integration into various systems. Its robust design includes a cross-polar isolation greater than 30 dB and a front-to-back ratio exceeding 12 dB, ensuring reliable performance in demanding environments. Compliant with RoHS and WEEE directives, the antenna supports sustainable practices with environmentally friendly materials and is subject to rigorous ISO 9001...

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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 | Polarisation:    | Dual Pol (V, H) |
| Stop Frequency:  | 960 MHz | Input Impedance: | 50              |

## RF Connectors

| Ports | RF Interface |
|-------|--------------|
| 2     | N Female     |

## Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR    | Azimuth | Elevation | F/B Ratio | Cross-Polar Iso. |
|-------------|------------|-----------|---------|---------|-----------|-----------|------------------|
| 880 MHz     | 960 MHz    | 10 dBi    | < 1.5:1 | 55°     | 52°       | > 12 dB   | > 30 dB          |

# Physical Specification

|                             |          |                            |           |
|-----------------------------|----------|----------------------------|-----------|
| Subtype:                    | Yagi     | Ingress Protection:        | IP67      |
| Input Ports:                | 2        | Materials:                 | Aluminium |
| MIMO:                       | 2x2 MIMO | Compliance/Certifications: | RoHS      |
| Min. Operating Temperature: | -40 °C   |                            |           |
| Max. Operating Temperature: | 80 °C    |                            |           |

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