

ComAnt Offset Pattern Collinear Antenna, 440 to 475 MHz, 11dBi, N Female

SKU: ANT-CA-00007

MPN: CA450C4

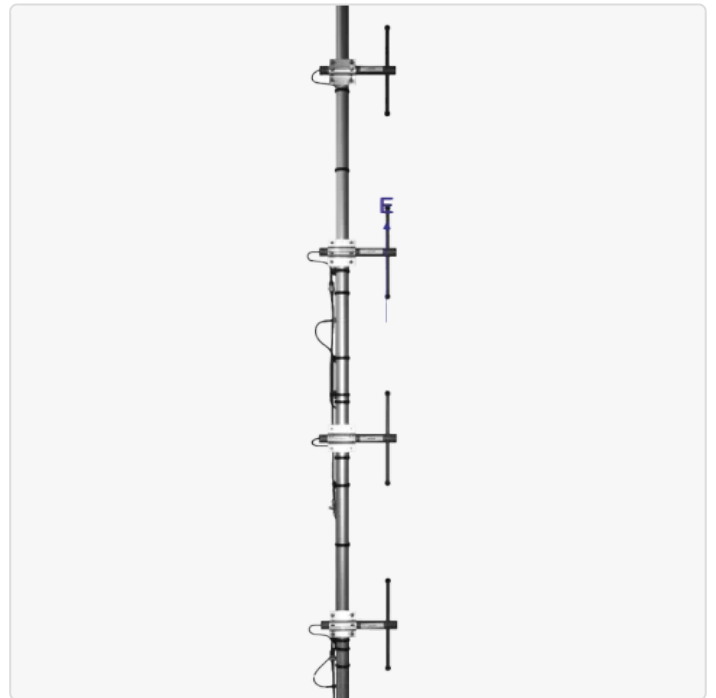
Description

The ComAnt Offset Pattern Collinear Antenna (SKU: ANT-CA-00007) by CompleTech is a robust solution for professional communication systems operating between 440 and 475 MHz. With a peak gain of 11 dBi and a vertical polarisation, this antenna ensures optimal performance in demanding environments. Constructed from durable materials like ABS plastic, fibreglass, polyurethane, and beryllium copper, it boasts an IP67 rating, ensuring resistance to dust and water, making it ideal for outdoor applications across a wide temperature range of -40 °C to 80 °C.

CompleTech, a trusted Finnish manufacturer, incorporates modularity into the ComAnt® design, allowing easy adaptability across various VHF, UHF, and SHF bands. The antenna features a single RF input port with a 50 Ω impedance, supporting a seamless integration into existing systems with minimal VSWR (< 1.5:1) for efficient signal transmission.

ComAnt® antennas meet stringent CE and RoHS...

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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:	440 MHz	Polarisation:	Vertical (V)
Stop Frequency:	475 MHz	Input Impedance:	50

RF Connectors

Ports	RF Interface	Body Shape
1	N Female	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth
440 MHz	475 MHz	11 dBi	< 1.5:1	360°

Physical Specification

Subtype:	Collinear	Dimensions:	2295
Input Ports:	1	Ingress Protection:	IP67
MIMO:	1x1 SISO	Materials:	ABS Plastic, Fibreglass (GRP), Polyurethane (PUR)
Min. Operating Temperature:	-40 °C	Mounting:	Pole Clamp 35 to 60 mm
Max. Operating Temperature:	80 °C	Weight:	3.43 kg
		Compliance/Certifications:	CE
		RoHS	

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