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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 Bi-Directional Broadside Antenna, 440 to 475 MHz, 6dBi, N Female

SKU ANT-CA-00004 MPN CA450B2

Description

The ComAnt Bi-Directional Broadside Antenna (Model CA450B2) by CompleTech is designed for reliable performance in the 440 to 475 MHz frequency range. With a peak gain of 6 dBi and a VSWR of less than 1.5:1, this dipole antenna offers robust RF performance, making it ideal for various communication applications.

Constructed with durable materials like ABS plastic, fibreglass, and polyurethane, the antenna is housed in a radome that meets IP67 standards, ensuring excellent protection against dust and water ingress. It operates efficiently in extreme temperatures ranging from -40 °C to 80 °C. The antenna features a single N Female RF connection, facilitating straightforward integration into existing systems.

CompleTech, a Finnish company known for its high-quality communication solutions since 1990, manufactures this antenna to comply with CE and RoHS certifications, reflecting its commitment to environmental standards and safety. The...

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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 Stop Frequency 475 MHz Polarisation Vertical (V) Input Impedance 50 Ω **RF** Connectors **Ports RF Interface Body Shape** 1 N Female Straight Frequency Test Data Start Freq. Stop Freq. Peak Gain VSWR 475 MHz 440 MHz 6 dBi < 1.5:1

Physical Specification

Subtype Dipole Input Ports 1 MIMO 1x1 SISO Min. Operating Temperature -40 °C Max. Operating Temperature 80 °C **Dimensions** 390 **Ingress Protection IP67 Materials** ABS Plastic, Fibreglass (GRP), Polyurethane (PUR) Mounting Pole Clamp 35 to 60 mm ø Weight 1.59 kg **Compliance/Certifications** CE

RoHS

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