



Condor Compact 2 x 4G LTE/3G/2G MIMO 2 x WiFi ISM MIMO Antenna

Description

With a size reduction of up to 50% in comparison with other antennas in the market and the highest performance for a 4-in-1 antenna solution, single package the Condor 2J4A50PCFa antenna is the most competitive solution on the market. Users can opt for other configurations in the same enclosure such as 2-in-1, 3-in-1 or 5-in-1 antenna as per their needs, please check our website or contact our sales team for questions and details.

If you are looking for an antenna that is sleek in design and makes no compromises on efficiency and performance, then 2J4A47Pc is the best option. Engineered according to the latest technological advancements, this antenna provides LTE-MIMO (2x) and 2.4/5.0GHz-MIMO (2x) applications delivering very high-efficiency uninterrupted data transfers at maximum speed, achieved by the low Envelope Correlation Coefficient at the LTE-MIMO and WiFi-MIMO Antennas.

The 2J4A47Pc can be easily installed or hidden in any part of your environment and application; on the top or bottom surfaces including windshields, dash, plastic, etc., as it comes equipped with a separate double adhesive pad that secures it safely. This product includes a low loss double shielded cable with fully customized length and connector that provides maximum antenna performance and reliability, avoiding drop connections, higher speed data, higher gain, etc. 4-in-1 feature allows for a quick handling in places where other solutions fail to implement and eliminates the need for the extensive labor involved in the installation of the product, saving time and resources.

Not only does this technology assure smooth performance, but it also comes bearing safety guarantee. With IP67 and IP69K ingress rating, our product provides maximum protection against dust and water and allows high pressure and steam cleaning. Passing drop test and vibration provides extra robustness ensuring longevity of the product, making it a cost-effective solution. Certificates for independent lab test are available under NDA.

The UV coating allows maximum protection against extensive outdoor use in extreme environments and temperatures.

Standards 2G, 3G, 4G LTE, Cat-X, Cat-M, Cat-NB (NB-IoT)

Frequency 698-960, 1710-2170, 2500-2700

VSWR ~1.8:1, ~1.3:1, ~2.0:1

Efficiency (%) ~49.6, ~52.6, ~39.1

Peak Gain (dBi) ~2.0, ~2.7, ~2.0

Impedance (Ohm) 50

Polarisation Linear

Max. Input Power (W) 25

Standards 2G, 3G, 4G LTE, Cat-X, Cat-M, Cat-NB (NB-IoT)

Frequency 698-960, 1710-2170, 2500-2700

VSWR ~2.0:1, ~1.5:1, ~1.3:1

Efficiency (%) ~47.4, ~50.4, ~41.2

Peak Gain (dBi) ~1.7, ~4.0, ~3.1

Impedance (Ohm) 50

Polarisation Linear

Max. Input Power (W) 25

Standards WiFi, BT, ZigBee, ISM

Frequency 2410-2490, 4920-5925

VSWR ~1.1:1, ~1.6:1

Efficiency (%) ~45.3, ~40.2

Peak Gain (dBi) ~3.0, ~3.5

Impedance (Ohm) 50

Polarisation Linear

Max. Input Power (W) 25

Standards WiFi, BT, ZigBee, ISM

Frequency 2410-2490, 4920-5925

VSWR ~1.2:1, ~1.5:1

Efficiency (%) ~46.6, ~44.5

Peak Gain (dBi) ~3.7, ~3.6

Impedance (Ohm) 50

Polarisation Linear

Max. Input Power (W) 25

Date Created

June 10, 2022

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