

# Pulse Larsen 4G Ultrathin Clear DAS Antenna, 608 to 2700 MHz, N Female

SKU: ANT-PU-00003

MPN: DASUTCC500NF

## Description

The Pulse Larsen 4G Ultrathin Clear DAS Antenna (SKU: ANT-PU-00003) is a high-performance ceiling-mounted antenna designed for seamless indoor connectivity. Operating across a broad frequency range of 608 to 2700 MHz, it supports 4G networks with ease. This antenna is equipped with a single N Female RF connection, ensuring reliable performance in Distributed Antenna Systems (DAS).

With a compact size of 239 x 8.4 mm and a weight of just 0.75 kg, it is ideal for discrete installations in environments where aesthetics and space are concerns. The antenna is robust, functioning efficiently in temperatures from -40 °C to 70 °C, and meets RoHS compliance standards, ensuring environmental safety.

Its vertical polarisation and impedance of 50  $\Omega$ , combined with a maximum input power capacity of 40 W, make it suitable for various applications including commercial buildings and public venues. The antenna offers consistent Peak Gain values of up to 6...

[Read More](#)

### Pulse Larsen



Pulse, a YAGEO company, is a key element in a family of businesses that combine to create one of the largest passive electronic manufacturers in the world. Founded in 1956 in Redwood City, California and acquired by Taiwanese Yageo Corporation in 2018 Pulse has over 60 years of innovation experience and is a leader in technology, design and manufacturing.

The company's passive electronic ...

# RF Specification

|                   |          |                  |              |
|-------------------|----------|------------------|--------------|
| Start Frequency:  | 608 MHz  | Polarisation:    | Vertical (V) |
| Stop Frequency:   | 2700 MHz | Input Impedance: | 50           |
| Max. Input Power: | 40 W     |                  |              |

## RF Connectors

| Ports | RF Interface | Body Shape |
|-------|--------------|------------|
| 1     | N Female     | Straight   |

## Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR  | Azimuth |
|-------------|------------|-----------|-------|---------|
| 608 MHz     | 960 MHz    | 4 dBi     | < 2:1 | 360°    |
| 1695 MHz    | 2200 MHz   | 6 dBi     | < 2:1 | 360°    |
| 2300 MHz    | 2700 MHz   | 6 dBi     | < 2:1 | 360°    |

# Physical Specification

|                             |          |                            |           |
|-----------------------------|----------|----------------------------|-----------|
| Subtype:                    | Ceiling  | Dimensions:                | 239 x 8.4 |
| Input Ports:                | 1        | Weight:                    | 0.75 kg   |
| MIMO:                       | 1x1 SISO | Compliance/Certifications: | RoHS      |
| Min. Operating Temperature: | -40 °C   |                            |           |
| Max. Operating Temperature: | 70 °C    |                            |           |
| PIM, 3rd Order:             | -155 dBc |                            |           |

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

