# Data sheet





### Omnidirectional antenna

for mobile signals

## art. 39-331N T-OMNI INDOOR PLUS N

Omnidirectional antenna for false ceiling ideal for receiving and spreading the mobile signal at 360°.

It is used inside the building to diffuse the external signal in all directions and therefore it must be installed in the center of the room.

Equipped with a 30 cm cable with a female N type connector.

It has to be installed on the ceiling, using the special integrated fixing support.

It is used in combination with a signal amplifier.

In optimal conditions, an indoor antenna spreads the amplified signal in a room up to 300 square meters wide. Knowing the square footage and the number of floors in the building it is possible to establish the number of indoor antennas to be installed. In general, at least one antenna is required for each floor.









#### **Characteristics**

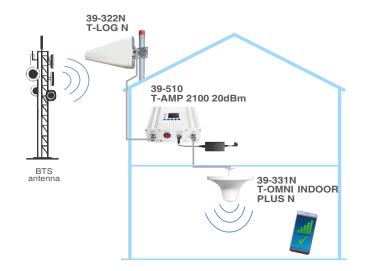
- For mobile signals
- Coverage area: 300 m<sup>2</sup>

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Female N type connector

| Code                         | 39-331N              |                      |  |
|------------------------------|----------------------|----------------------|--|
| Item                         | T-OMNI INDOOR PLUS N |                      |  |
| Type of antenna              |                      | omnidirectional      |  |
| Frequencies                  | MHz                  | 698÷960<br>1710÷2700 |  |
| Gain                         | dBi                  | 6                    |  |
| Beamwidth -3 dB H            | 0                    | 360                  |  |
| Beamwidth -3 dB V            | ٥                    | 360                  |  |
| VSWR                         | dB                   | <2                   |  |
| Max power consumption        | W                    | 50                   |  |
| Impedance                    | Ω                    | 50                   |  |
| Color                        |                      | white                |  |
| Cable length                 | cm                   | 30                   |  |
| Cable connectors             | mm                   | Female N type        |  |
| Polarization                 |                      | vertical             |  |
| Wall fixing accessory        |                      | included             |  |
| Dimensions (LxWxH)           | mm                   | 170x205              |  |
| Weight                       | Kg                   | 0,36                 |  |
| Packaging dimensions (LxWxH) | mm                   | 170x170x170          |  |
| Packaging weight             | Kg                   | 0,52                 |  |
| Operating temperature        | °C                   | -40 ÷ +55            |  |
| Relative humidity range      | %                    | 5 ÷ 95               |  |

#### Example of application



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