

Smarteq™ Terminal 1/4-Wave Dual ISM Band Antenna

ISM/LoRa/LPWAN Antennas – Terminal

710103



Description

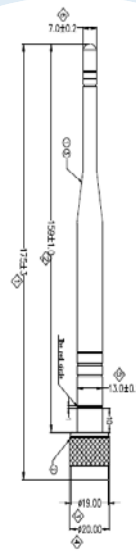
Slim, dual-band ISM terminal antenna.

Technologies

- ISM 433 / 868MHz

Features

- Terminal antenna 1/4-wave, N-male
- Frequency: 433-436 / 868-870MHz
- Gain: 2.15dBi



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ISM/LoRa/LPWAN Antennas – Terminal

The Smarteq™ quarter wave ISM band antenna with type N-male connector is designed for use on devices for communication, such as M2M in both 433 and 868 MHz frequency bands.

Features

- Terminal antenna 1/4-wave, N-male
- Radio system: ISM 433 / 868MHz
- Frequency: 433-436 / 868-870MHz
- Gain: 2.15dBi
- Color: Black

Applications

- In-Building and Enterprise Wireless
- Industrial IoT
- Industrial Kitchens
- Smart Cities

Certifications



SPECIFICATIONS



Smarteq™ Terminal 1/4-Wave Dual ISM Band Antenna

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Standard Configurations

Part Number	Connector Type
710103	N-male

Electrical Specifications

Frequency Ranges	433 – 436 MHz 868 – 870 MHz
VSWR	< 2.5:1
Gain	2.15dBi
Nominal Impedance	50Ω
Polarization	Linear vertical
Max. Power	10W

Terminal antenna, spec values measured on a reference ground plane.

Mechanical and Environmental Specifications

Dimensions	See drawing. 175 mm (height)
Weight	47g
Connector	N-male
Cable	Without cable
Color	Black
Operating / Storage Temperature	-40°C to +85°C
Certifications	RoHS compliant
Ingress Protection	IP65
UV- Protection	ASTM-D1148
Certifications	RoHS compliant

CONTACT US

**For more information about
this product contact your
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> pctel.com/antenna-products**

Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



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