



Antenna

Product Code: L-AN200

Description: Stub Antenna for 433 MHz

The 433 MHz Wavetrend stub antenna has been designed for optimal RF receiving performance with the Wavetrend reader range. This antenna attaches to the reader via a BNC(M) connector.

This antenna has an omni-directional reception pattern around the vertical axis with null points being at the extreme ends of the stub.

The antenna is housed in a rugged waterproof rubber mould that is UV resistant and can be used outdoors.



Specifications

Mechanical Specifications

Size	87 mm x 15 mm tapered to 6 mm diameter
Finish	UV resistant black rubber coating
Mass	22 gram
Temperature Range	- 40 °C to + 70 °C
Environmental Specification	Conforms to ETS 300 019

Electrical Specifications

Antenna type	Eighth wave Whip
Frequency band	400 MHz to 450 MHz
Gain at connector	-3 dBi (With reference to a 1/8 wave ground plane)
VSWR	< 1.5 : 1
Impedance	50 Ohms
Maximum power	100 W
Connector	BNC(M)

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