



Antenna

Product Code: L-AN100

Description: Whip Antenna for 433 MHz

The 433 MHz Wavetrend whip 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	174 mm x 15 mm tapered to 6 mm diameter
Finish	UV resistant black rubber coating
Mass	25 gram
Temperature Range	- 40 °C to + 70 °C
Environmental Specification	Conforms to ETS 300 019

Electrical Specifications

Antenna type	Quarter 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)

Wavetrend (Pty) Ltd.
Wavetrend House
Hammets Crossing Office Park
Selbourne Rd
Fourways
Johannesburg
South Africa
Tel +27(11)462-2633
Fax +27(11)462-6316



Wavetrend Inc.
13912 NE 31st Place
Bellevue, WA
USA

Tel +1-206-949-6394

sales@wavetrend.net

Wavetrend UK Ltd.
1st Floor, 7 Mallard Court,
Mallard Way, Crewe Business Park, Crewe,
Cheshire
England
CW1 6ZQ

Tel +44-1270-214-433
Fax +44-1270-214-420

