

## Omni Directional Antenna

### Description

The Omni Directional Antenna is a professional grade 433MHz hi-gain antenna for use with Elpas High-Security/Outdoor Controllers and Outdoor RF Readers to extend area coverage.

The antenna is designed to increase the read range of a RF Reader or Controller by up to 2 to 3 times in all directions in mix usage indoor/outdoor open area environments.

The Omni Directional Antenna is manufactured from high strength fiberglass for outstanding service life; provides 5.0dBi with a VSWR of 1.7 or less and is easily pole or wall mounted.

**NOTE:** Antenna supplied with mast mounting kit



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(actual product appearance may vary)

Technical Specifications	
Frequency	433MHz
Gain	5.0dBi
VSWR	≤1.7
Vertical Beamwidth	35 degrees
Impedance	50 ohms
Polarization	Vertical
Max. Power	100 watts
Connector	N Female
Length	80cm (31.5 inches)
Weight	0.74 Kg (1.63 Lbs.)
Mounting Mast Diameter	Up to 50MM (3.54 inches)

Specifications are subject to change without notice.

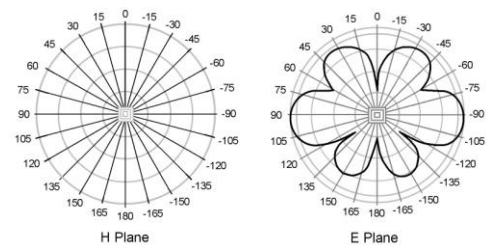
### Ordering Information

Part Number	Description
5-AN004305-1	Long-Range Omni-Directional Antenna + MBCN
5-CBL00201	Coax Cable 3.0M/10 Ft

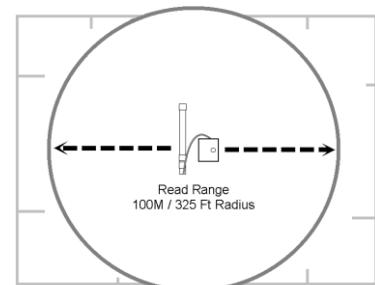
### Compatible Controllers/Readers

Part Number	Description
5-RFB00433-6	Outdoor RF BUS Reader
5-ELC00433-4	Standard Outdoor ELC
5-ELC00433-7	Enhanced ELC in Metal Enclosure

### Radiation Patterns



### Coverage Area



### Mounting Details

