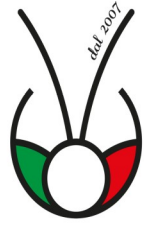


<b>ANT S.r.l.</b> Via della Concordia, 4 – 37036 S. Martino B/A (VR) - Italia Tel. +39 045 8781380 Fax +39 045 8795335 e-mail: <a href="mailto:commerciale@antsrl.eu">commerciale@antsrl.eu</a> <a href="http://www.antsrl.eu">www.antsrl.eu</a>	DESCRIPTION	
	<b>433 MHz whip antenna</b> (optional flexible whip available)	

**A08-004**

**P/N: A08-004**

**ELECTRICAL DATA**

Frequency range:	433 MHz
Impedance:	50 Ω
V.S.W.R.:	< 1.5 : 1
Max power:	10 W
Polarization:	Linear
Radiation:	Omnidirectional
Gain:	2.1 dBi

**MECHANICAL DATA**

Dimensions:	Ø10x260 mm
Weight (about):	0.020 Kg
Connection:	M5 socket screw thread
Operating temperature:	-30 / +80 °C
Radiating element material:	Fiberglass, copper, brass



**Protection against electrostatic discharges:**

The antenna is protected against electrostatic discharges up to 12 kV.

**Protection against oxidation:** the antenna is designed to be able to withstand the worst climatic conditions and so that the oxidation of its parts is prevented: the plastic parts are made of raw materials resistant to external environmental agents.

**Protection against accidental hits:** The antenna is designed making sure persons are protected from accidental hits against its projecting parts: the whip has been equipped with appropriate plastic bumpers.

**RoHS directive (2002-95-CE):** The antenna is RoHS compliant.

**MOUNTING INSTRUCTIONS:**

Please mount the antenna on the box using a M6 fitting or screw. It is recommended to add an O-ring in the suitable seat, located under the plastic base of the antenna.

**WARNING:**

For a correct installation, please mount the antenna on a metallic box (or on any equivalent electromagnetic device) so that the whip is at least 5 cm apart from any metallic object and so that it is visible from the area in which the remote control is to be used.

The whip requires a suitable ground plane to reach the stated performances.