

ANT S.r.l.

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DESCRIPTION

**Multiband antenna 868/915 MHz
WIFI 2400 MHz LTE 2600 MHz**
omnidirectional antenna with two radiating elements:
**(780-920 MHz geometry $\lambda/4$ - $1/4$ wave)
(2400-2690 MHz geometry $\lambda/8$ - $5/8$ wave*)**
and SMA plug connection.



Mistral 868-915- WIFI2400-LTE2600

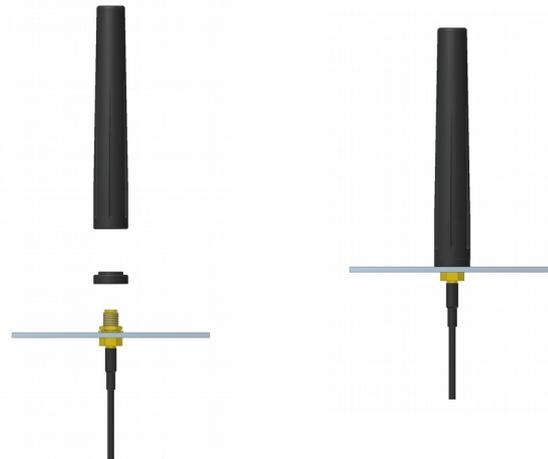
P/N: **F01-006**

ELECTRICAL DATA

Frequency range:	780-920 / 2400-2690 MHz
Impedance:	50 Ω
V.S.W.R. at 868/915 MHz:	< 2 : 1
V.S.W.R. WIFI 2400 MHz:	< 2 : 1
V.S.W.R. LTE 2600 MHz:	< 2 : 1
Max power:	15 W
Polarisation:	Linear
Radiation:	Omnidirectional
Gain at 868/915 MHz:	2.1 dBi
Gain WIFI 2400 MHz:	5 dBi
Gain LTE 2600 MHz:	5 dBi

MECHANICAL DATA

Dimensions (about):	\varnothing 14x90 mm
Connection:	SMA plug with thread on brass insert (other connector on request)
Cable:	On request
Operating temperature:	-40° / +80°C
Weight:	0.040 kg
Radome material:	Thermoplastic elastomer
Radiating element material:	Steel, brass
Accessories:	Gasket to cover SMA socket nut.



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.

Protection against accidental hits: The antenna is designed making sure persons are protected from accidental hits against its projecting parts.

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

MOUNTING INSTRUCTIONS:

Please install the antenna on SMA female connection (\varnothing 6.5 mm hole). If the antenna is to be mounted on box, the gasket included is to be used depending on the thickness of the box.

WARNING:

For a correct installation, please mount the antenna so that it is in vertical position, in the middle of the plane and at least 10 cm apart from any metallic wall. To achieve the best performance the antenna requires a proper ground plane.

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V.S.W.R.

Agilent Technologies

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