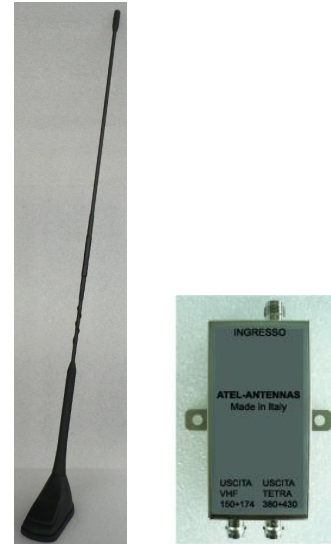


ANT. GPS - VHF150÷174MHz - UHF 380÷400MHz with DIPLEXER

T-AT9002

SPECIFICATIONS:

Hole	Squared 15x15 mm; Round Ø 19 mm;
Base dimension	Lenght 81 mm; Width 45 mm;
Cap material	Polyamide 6;
Gasket material	Pibiflex 4216 98 Shore;
Colour	Black;
Weight	» 570 g;
Temperature	From -35°C to +80°C;
Mounting	On the Roof;
Max tightening	4 Nm;



TECHNICAL DATA GPS:

Antenna type	Active Patch Antenna
Center frequency	1575,42 MHz
Bandwidth	± 1,023 MHz
V.S.W.R	less than 2.0
Impedance	50W
Polarization	RHCP
Current absorption	13÷26 mA
Power gain	26.5 ± 5 dB
Noise figure	1.8 ÷ 2.2 dB
Supply voltage	3 ÷ 5 V.
Temperature	-30° C ÷ + 85° C
Cable lenght	RG 174 mm.280±20
Connector	SMAM.
Extension cable	RG 174 mm.4000 SMA F. / FME M.

TECHNICAL DATA VHF:

Antenna type	1/4 lMobileAntenna
Frequency range	150÷174 MHz
Impedance (Ohms)	50
Max power (W)	20
V.S.W.R.	less than 2.0
Polarization	Vertical
Emission	Omnidirectional
Gain (dBi)	2.14
Cable lenght	RG 174 mm.280±20
Connector	FME M.
Extension cable 1	RG 58 mm.4915 FME F. / TNC M.
Extension cable 2	RG 58 mm. 1500 BNC M. / BNC M..

TECHNICAL DATA UHF:

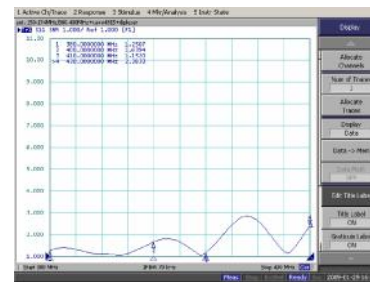
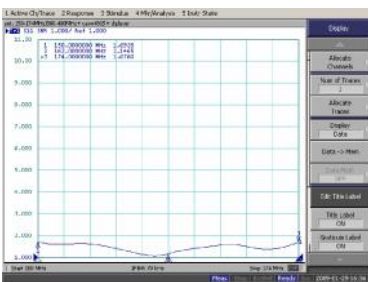
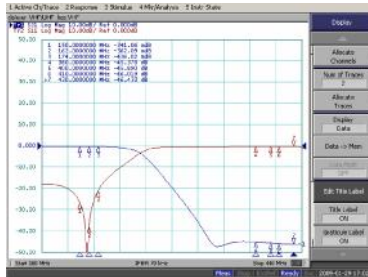
Antenna type	5/8 lMobileAntenna
Frequency range	380 ÷ 400 MHz
Impedance (Ohms)	50
Max power (W)	20
V.S.W.R.	less than 2.0
Polarization	Vertical
Emission	Omnidirectional
Gain (dBi)	5
Rod lenght (mm)	530 ± 10
Rod section	1
Rod elevation	74°
Cable lenght	RG 174 mm.280±20
Connector	FME M.
Extension cable 1	RG 58 mm.4915 FME F. / TNC M.
Extension cable 2	RG 58 mm. 1500 BNC M. / BNC M.

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PERFORMANCE DIAGRAMS



NB = We recommend one extension cable no shorter than 4915mm for having a good performance of the antenna.

INSTALLATION: CENTRAL SIDE OF THE ROOF

INSTALLATION: BACK OR FRONT SIDE OF THE ROOF

