

# GSM / UMTS / AM-FM / GPS-GNSS-GALILEO ANTENNA

## T-AT963



### SPECIFICATIONS

Material	
Cap	Polyamide6
Gasket	ArnitelEM400
Colour	Black
Netweight(g)	170
Basedimensions(mm)	
Length	95
Width	52
Mountinghole(mm)	
Squared	15*15
Round	Ø19
Temperature(°C)	-30°-+80°

### TECHNICAL DATA GPS/GNSS/GALILEO

Antenna type	Active Planar Patch Antenna
Center frequency	1580 MHz
Bandwidth	± 28MHz
V.S.W.R	Less than 2.0
Impedance ( Ohms )	50
Polarization	RHCP
Supply voltage	2.7 ÷ 5.1 V
Current absorption	10 ± 1 mA at 2.7 V. 16 ± 1 mA at 5.0 V.
Gain amplifier	18 ± 1 dB at 2.7 V. 22 ± 1 dB at 5.0 V.
Gain patch antenna	2 dB
Noise figure	1.7 ÷ 2.1 dB
Temperature ( °C )	-30° - + 80°
Cable	RG 174 mm.180±10
Connector	SMA m.

### TECHNICAL DATA TELEPHONE:

Antenna type	1/4 l Mobile Antenna
Frequency range	
GSM-ETACS-NNT	824 ÷ 960 MHz
PCN-GSM	1710 ÷ 1880 MHz
UMTS	1900 ÷ 2170 MHz
Impedance ( Ohms )	50
Max power ( W )	10
V.S.W.R	Less than 2.2
Decoupling ( dB )	> 40
Polarization	Vertical
Emission	Omnidirectional
Gain ( dBi )	2.14
Rod section	1
Rod elevation	74°
Cable lenght	RG 174 mm.100±20
Connector	FME m.

### TECHNICAL DATA AM-FM

Antenna type	AM-FMAntenna
Frequency range	
LMK	150 KHz ÷ 3.5 MHz
UKW	76 ÷ 110 MHz
Impedance ( Ohms )	75 ÷ 150
Voltage ( V )	10 ÷ 16
Polarization	Vertical
Emission	Omnidirectional
Gain ( dB )	
LMK	7
UKW	14
Current absorption ( mA )	27 ÷ 40
Noise figure ( dB )	< 4.5
Cable lenght	RG 174 mm.130±20
Connector	SCREW SYSTEM M.