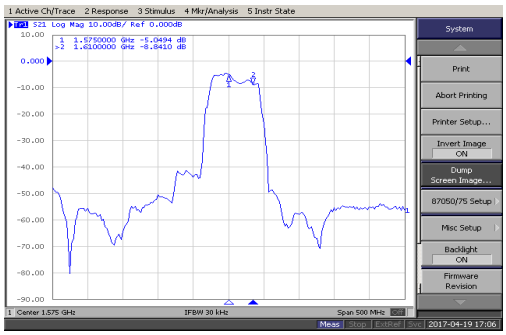
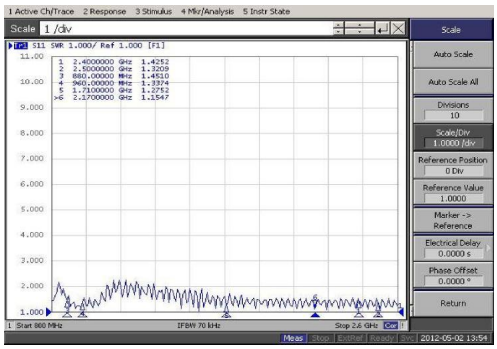
INSIDE PLANAR GPS/GSM/WLAN ANTENNA

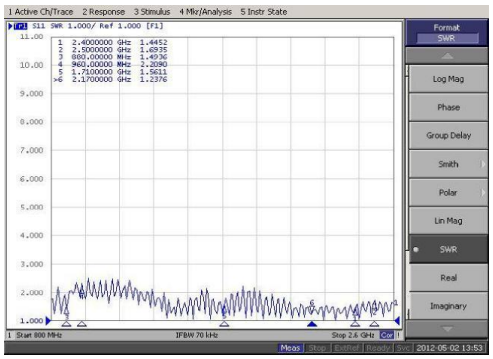
T-AT259

SPECIFICATIONS

Material	Polyamide 6
Colour	Black
Net weight (g)	160
Base dimensions (mm)	
Lenght	123
Width	25
Height	27
Mounting:	Adhesive
Temperature (°C)	-30° - +80°







TECHNICAL DATA GPS

Antenna type	Active Patch Antenna
Center frequency	1575.42 & 1600 MHz
Bandwidth	10 MHz
Impedance (Ohms)	50
V.S.W.R.	Less than 2.0
Polarization	RHCP
Current absorption (mA)	10 ÷ 30
Power gain (dB)	17 ± 2
Noise figure (dB)	< 1.5
Supply voltage (V.)	3 ÷ 5
Temperature (°C)	-30 ÷ +80
Cable lenght	RG 174 mm.3000±20
Connector	FK F. BLUE

TECHNICAL DATA TELEPHONE

Antenna type	Dipole 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
Return loss (dB)	> 12
V.S.W.R.	Less than 2.0
Polarization	Horizontal or Vertical
Emission	Omnidirectional
Gain (dBi)	
GSM-ETACS-NNT	2.14
PCN-GSM	2.90
UMTS	3.50
Cable lenght	RG 174 mm.3100±20
Connector	FK F. BORDEAUX

TECHNICAL DATA WIRELESS LAN

Antenna type	Dipole Antenna
Frequency range	2400 ÷ 2485 MHz
Impedance (Ohms)	50
Max power (W)	10
V.S.W.R.	Less than 2.5
Polarization	Horizontal or Vertical
Emission	Omnidirectional
Gain (dBi)	3.40
Cable lenght	RG 174 mm.3100±20
Connector	FK F. CURRY

Atel-Antennas S.r.l.

Viale Caduti sul Lavoro, 21/A - 15061 Arquata Scrivia (AL) - Italy

Tel. +39 0143 635496 - Fax +39 0143 666423 - Website: www.atel-antennas.eu - Mail: commerciale@atel-antennas.eu - P. IVA 02442250060