

Model MICROMAG 918

Magnetic Mount Dual-Band Antenna (AMPS-GSM 900 & 1800)



Installation Manual

DESCRIPTION

Dual-band mobile antenna conceived for AMPS and GSM 900 & 1800 cellular systems. It works on 824-960 MHz and 1710-1880 MHz and its radiator is made of 17/7 PH stainless steel protected by a thermoplastic material. The small magnetic mount is of strong Neodimium magnet and standardly supplied with 3m RG 174 with FME-f.

SPECIFICATIONS

Electrical Data

Type	:	1/4 λ at both bands
Frequency Range	:	824÷960 MHz (AMPS, GSM 900) 1710÷1880 MHz (GSM 1800)
Impedance	:	50 Ω Unbalanced
Radiation	:	Omnidirectional
Polarization	:	Vertical
Gain	:	0 dB ref. to $\lambda/4$ whip
V.S.W.R.	:	$\leq 2.0 : 1$ at both bands
Max Power	:	20 Watts (CW) at 50°C
Feed System / Position	:	Direct / Base
Cable Type / Length	:	RG 174/U / 3m, other lenght on request
Connector	:	FME-female, other type on request

Mechanical Data

Housing Materials	:	Nylon, Stainless steel, Chromed brass
Height (approx.)	:	90 mm
Weight (approx.)	:	80 gr
Magnetic Mounting	:	traction strength ≥ 70 N

