

## MICROMAG LTE

Magnetic Mount Multi-band Antenna 698-960 & 1710-2700 MHz



### DESCRIPTION

Multi band magnetic antenna conceived for Cellular and LTE systems. It works from 698 to 960 MHz and from 1710 to 2700 MHz. Its radiator is made of 17/7 PH stainless steel and protected by thermoplastic material. The small magnetic mount uses a strong Neodimium magnet and it is standardly supplied with 3m RG 174 XLPE with SMA-m or FME-f.

### SPECIFICATIONS

#### Electrical Data

Type	1/4 $\lambda$ both bands
Frequency Range	698-960 MHz & 1.71-2.7 GHz @ SWR $\leq$ 2.0
Impedance	50 $\Omega$
Radiation	360° Omnidirectional
Polarization	Linear Vertical
Gain	0 dB ref. to $\lambda/4$ whip
Max Power	20 Watts (CW) @ 30°C ambient
Feed System / Position	Direct / Base
Cable Type / Length	RG 174/U / 3m, other lenght on request
Connector	SMA-male or FME-female (FME only for freq. lower than 2 GHz)

#### Mechanical Data

Housing Materials	Nylon, Chromed brass, Stainless Steel
Height (approx.)	90 mm, 3.5 in
Weight (approx.)	80 gr, 0.2 lb
Magnetic Mounting	traction strength $\geq$ 70 N