

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 λ both bands
Frequency Range	698-960 MHz & 1.71-2.7 GHz @ SWR \leq 2.0
Impedance	50 Ω
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