

# 12" MAGNET MOUNT ANTENNA

High Performance Tri-Band Magnet Mount Antenna



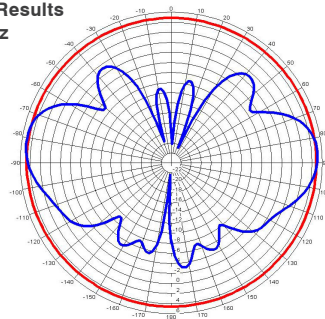
**301103** - FME female  
**311125** - SMA male  
**311128** - TNC male

- High gain output omni-directional antenna
- Boosts all 700, 800, 900 and 1900 MHz cellular frequencies
- Boosts voice and data
- Ideal for M2M installations
- Installs on any ferrous metal surface
- Portable and easy to store
- Outdoor rated waterproof
- Perfect for car, truck, RV installation
- Connects to cell phone signal boosters and modems
- Assembled in USA & 2 year warranty

## ELECTRICAL SPECIFICATIONS

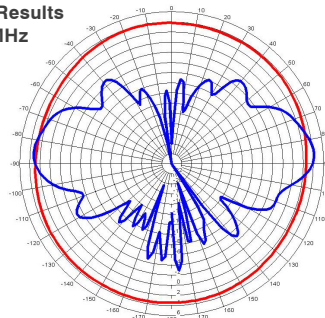
Frequency range (MHZ)	700-800	824-960	1850-1990
Polarization	Vertical		
Gain(dBi)	2.1	4.9	5.5
Horizontal Beamwidth(°)	360		
Vertical Beamwidth(°)	20-30 (avg each band)		
Impedance(Ω)	50		
VSWR	≤1.8:1	1.5:1	
Maximum input power(W)	50		
Lightning Resistance	Anti Static Coating		

**Actual Test Results**  
**824-960 MHz**  
**Typical**



— Azimuth (Horizontal)  
— Elevation (Vertical)

**Actual Test Results**  
**1850-1990 MHz**  
**Typical**



## MECHANICAL SPECIFICATIONS

Model	301103	311125	311128
Connector	FME female	SMA male	TNC male
Cable Type	RG-174		
Cable Length ft / m	12.5 / 3.8		
Magnet Strength Vertical Pull (lb / kg)	6 / 2.7		
Dimensions (inch / mm)	12.5x1.5 / 317x38		
Antenna weight (oz / gm)	4 / 114 with cable		
Packing weight (oz / gm)	4.2 / 119		
Rated wind velocity (mph / kph)	80 / 128		
Radiator material	Stainless Steel, Powder Coated		
Base material	Injection Molded, Encapsulated Magnet & Cable		
Color	Black		
Operating temperature (°C / F)	-40 to +55 / -40 to + 131		

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