

# DATASHEET

## Magnetic Mount Omni Antenna for GSM/DCS Cellular A081904-OM

The A081904-OM is a magnetic mount dual band antenna that is omni-directional and supports the GSM cellular (890 - 960 MHz) and DCS cellular (1710 - 1880 MHz) bands. This antenna features a built-in coax cable to permit antenna installation outside of a panel or metal enclosure.



Features	Benefits
Magnetic Mount	◆ Eases mounting to metal surfaces without the need for brackets
Integrated coax cable	◆ Eases mounting of antenna outside panel or metal enclosure
Dual frequency band	◆ One antenna supports both GSM and DCS cellular networks

### General Specs

Frequency Range	GSM: 890-960 MHz DCS: 1710-1880 MHz
Impedance	50 Ohms
VSWR	<2.0:1
Gain	2 dBi (890-960 MHz) 4 dBi 1710-1880 MHz)
Radiation	Omni
Polarization	Vertical
Length	14.25" (362 cm)
Connector/Cable	SMA-RP on 157" (3m) coax cable
Mount	2" diameter magnetic mount (6.6 lb force)
Operation Temp	-20° to +65°C
Storage Temp	-30° to +75°C

### Regulatory Approvals

**RoHS**