

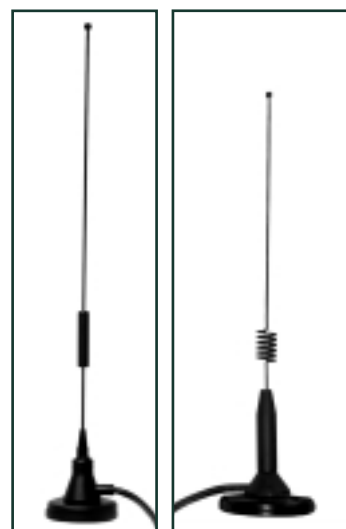


Magnetic Mount Dual Band Antennas

The MDBM dual band mobile antennas provide omnidirectional coverage in cellular and PCS frequencies. They feature a magnetic mount base with protective surface that facilitates secure installation without damage to the vehicle.

Features

- Dual-band design
- Magnetic base for installation on iron base materials
- High roof mounting force
- Protective surface prevents scratches on the vehicle's surface



MDBM800/1900 MDBM824/1850

Electrical Specifications

VSWR:

2.0 across the band (MDBM800/1900)
<1.5:1 across each band (MDBM824/1850)

Polarization:

Vertical

Nominal Impedance:

50 Ohms

Antenna Type:

Collinear dual band, closed coil (MDBM800/1900)
Collinear dual band, open coil (MDBM824/1850)

Connector Options:

Male SMA
Male TNC
Mini-UHF
SMB

Mechanical Specifications

Radiator Material:

Stainless steel, black chrome plated

Antenna Base:

Molded high strength plastic

Mounting Base:

Black coated stainless steel

Boot:

Rubber

Magnet Mounting Force:

105.8 ounces minimum (MDBM800/1900)
300 ounces minimum (MDBM824/1850)

Antenna Height:

14.37" (MDBM800/1900)
10.5" (MDBM824/1850)

Model #	Frequency Range	Gain	Cable	List Price
MDBM800/1900	824-896/1850-1990 MHz	2 dBi @ 824-896 MHz 2 dBi @ 1850-1990 MHz	14' RG58/U	
MDBM824/1850	824-896/1850-1990 MHz	2 dBi @ 824-896 MHz 4 dBi @ 1850-1990 MHz	14' RG58/U	