

## Large Magnetic Base Mount Antennas (Cellular/PCS)

These magnetic mount antennas are ideal for temporary installations where quick antenna removal may be needed. All models include a wide magnetic base mount and cable integrated into their base.

### Features

- Wideband design: cover all specified frequencies without tuning
- Magnetic base for quick removal. Ideal for test equipment applications.
- Protective surface prevents scratches on the vehicle's surface
- Patented whip design - special phasing coil achieves in-phase signal transmission and reception using two collinear elements at both frequencies (ASPRDM1994 models)
- Cable/connector is fully integrated to the antenna for simple installation and maximum mobility

### Antenna Electrical Specifications

Model	Frequency Range	Gain
ASPRDM1994M	824-894/1850-1990 MHz	3 dB/3 dB
ASPRDM1994S	824-894/1850-1990 MHz	3 dB/3 dB
ASPRDM1994T	824-894/1850-1990 MHz	3 dB/3 dB
ASPRDM1994U	824-894/1850-1990 MHz	3 dB/3 dB
ASPRDM1994PC	824-894/1850-1990 MHz	3 dB/3 dB
MDBM800/1900MSMA	824-896/1850-1990 MHz	2 dBi/2 dBi

### Mechanical Specifications

Model	Connector	Antenna Height	Coax Cable (Built-in)
ASPRDM1994M	Mini-UHF male	14.1"	15 ft PRO-FLEX™ PLUS 195, A/U
ASPRDM1994S	SMA male	14.1"	15 ft PRO-FLEX™ PLUS 195, A/U
ASPRDM1994T	TNC male	14.1"	15 ft PRO-FLEX™ PLUS 195, A/U
ASPRDM1994U	SAP	14.1"	15 ft PRO-FLEX™ PLUS 195, A/U
ASPRDM1994PC	SAP with Mini-UHF and TNC adapter	14.1"	15 ft PRO-FLEX™ PLUS 195, A/U
MDBM800/1900	SMA (male)	14.37"	13' RG-58/U



MDBM800/1900 ASPRDM1994



### Technical Data

<b>Maximum Power:</b> 10 watts
<b>Polarization:</b> Vertical
<b>Nominal Impedance:</b> 50 ohms
<b>VSWR:</b> 2.0 across the band (ASPRDM models and MDBM800/1900) <1.9:1 (ASPA1894B) <2.5:1 (MDBM800/1900)
<b>Radiator Material:</b> Stainless steel, black chrome plated
<b>Antenna Base:</b> Molded high strength plastic
<b>Mounting Base:</b> Black coated stainless steel
<b>Boot:</b> Rubber
<b>Mounting Force:</b> 105.8 ounces minimum
<b>Mount Method:</b> Built-in magnetic base