

Magnet Mount

3 dB Dual-Band Antennas

Model

ASPRDM1994 Series



Patented Whip Design — special phasing coil achieves in-phase signal transmission and reception using 2 collinear elements at both frequencies

Economical — install only one antenna instead of two, optimizing installation labor

Convenient — ideal for hands-free car kit applications

Easy Upgrade Option — for customers already owning ASPDM1994 (unity/3 dBd gain), replacement whip KRDM1994Z available for quick upgrade



Specifications

Electrical

| | Cellular | PCS |
|-----------------|-----------------------|-----------------------|
| Frequency Range | 824-894 MHz | 1850-1990 MHz |
| Gain | 3 dBd (5 dBi) typical | 3 dBd (5 dBi) typical |
| VSWR | 2:1 | 2:1 |
| Power Rating | 10 W | 10 W |
| Bandwidth | 70 MHz | 140 MHz |
| Impedance | 50 ohms | 50 ohms |
| Polarization | Vertical | Vertical |

Mechanical

| | |
|---------------|---|
| Whip Length | 14.1 inch (35.8 cm) |
| Whip Diameter | 0.090 inch (0.23 cm) |
| Whip Material | 300 Series stainless steel with black DURA-COAT™ finish |
| Cable | 15 ft (4.6 m) PRO-FLEX™ PLUS |
| Connector | See table |

Available Model Configurations

| Model | Connector |
|---------------------|--------------------------------|
| ASPRDM1994M | Mini-UHF Male |
| ASPRDM1994N | N Male |
| ASPRDM1994S | SMA Male |
| ASPRDM1994T | TNC Male |
| ASPRDM1994TM | TNC Male with Mini-UHF Adapter |
| ASPRDM1994U | SAP |



ASPRDM1994 Series

Dual-band magnet mount antenna.

U.S. Patent No. 6,215,451 B1