

BASIC FERRITE MAG BENEFITS

- 61.7 lb/f average pull rate
- Low cost
- Best for fixed non-movement applications such as on warehouse beams, etc.
- Gradual magnetization loss

NEO POWER MAG BENEFITS

- 362.4 lb/f pull rate (5.87 x ferrite pull rate)
- Eliminates accidental or unintentional movement
- Enhanced vehicle safety
- Eliminate potential legal liability concerns
- Reduce theft loss — not as easily removed
- High resistance to magnetization loss
- Eliminate sliding off vehicles during washes
- More consistent antenna propagation
- Lower rate of antenna related problems
- Expanded market opportunities for two-way radio sales



AIR802 Mobile Magnetic Mounts

AIR802 offers the most complete and customizable mobile magnetic mount solution worldwide. Six customizable parameters can be specified. Production is in the USA.

One revolutionary concept is the introduction of two magnet options. Historically, all mobile magnet mounts in the industry are built with a ferrite, also known as ceramic type magnet. AIR802 offers its Basic Ferrite Mag™

However for an industry first, AIR802 introduces the Neo Power Mag™ This is a neodymium magnet, a rare earth element which is 5.87 times on average more powerful than a ferrite type magnet.

MOUNT COLOR

Available in 3 standard colors: chrome, black & white.
Custom colors for vehicle fleets are also available.

BASE CONNECTOR TYPE (3 OPTIONS AVAILABLE)

1. NMO
2. N Jack-Female
3. UHF Jack-Female

All three connector types are specially designed by AIR802 to provide superior high quality. Each connector is tri-metal plated, often referred to as white bronze or tri-alloy (consists of copper, tin and zinc), another first by AIR802. These alloys are non-magnetic and provide reduced inter-modulation distortion (IMD). Other benefits include abrasion and tarnish resistant and high durability. Included with each mount is a high quality dust-rain cap which is constructed of nickel plated or tri-metal plated brass with a rubber gasket.

MAGNET TYPE (2 OPTIONS AVAILABLE)

1. Basic Ferrite Mag—61.7 lb/f Average pull rate
2. Neo Power Mag—362.4 lb/f Pull rate
 - a. NdFeB – Neodymium(Nd), Iron (Fe) and Boron(B)
 - b. Nickel coated to prevent corrosion of the iron content
 - c. Strongest commercially available permanent magnet

Included is a translucent UV protected rubber boot to be inserted over the bottom cover.

CABLE TYPE / COLOR (3 OPTIONS AVAILABLE)

1. **CA195FLEX-Black** – Identical to LMR195UF.
 - a. Outer diameter size is 0.195 inches (4.95 mm).
 - b. Same diameter size as RG-58 however CA195FLEX offer better electrical performance.
 - c. Construction includes stranded center conductors important for repeated bending.
 - d. Thermoplastic elastomer jacket (rubberlike material) provides good abrasion and heat resistance, resistance to UV and oxidation, works well in tough environments including salt water. Not resistant to hydrocarbons.
2. **CA195FLEX-White** – Available near future
3. **RG174** – Available near future

CABLE CONNECTOR TYPE

A wide variety of connectors are available (see table on following page).

CABLE LENGTH

Typical length is 10–20 feet (3–6 meters). However, any length can be provided upon request.

SPECIFICATIONS

Frequency: NMO and N (0 – 6 GHz),
UHF (SO-239) (0 to 300 MHz)

Impedance: 50 Ω

Maximum Operating Temperature: 176°F (80° C)

Part Number Ordering Guide

ANMM-X1-X2-X3-X4-X5-X6

- X1** = Mount Color (C = chrome; B = black; W = white)
- X2** = Base Connector Type (NMO = NMO; SO = UHF Jack-Female; NF = N Jack-Female)
- X3** = Magnet Type (STD = Standard Ferrite; HD = Heavy Duty Neodymium Rare Earth)
- X4** = Cable Type and Jacket Color (2 = CA195FLEX Black; 3 = CA195FLEX White)
- X5** = Cable Connector Type* (see chart below)
- X6** = Length of Cable (in feet)

| CABLE CONNECTOR TYPE | |
|----------------------|------------------------------|
| NC | No Connector |
| BNF | BNC Jack-Female |
| BNFB | BNC Jack-Female Bulkhead |
| BNM | BNC Plug-Male |
| BNMR | BNC Plug-Male Right Angle |
| CRC9 | CRC9 Plug-Male Right Angle |
| F | F Plug-Male |
| FMEJ | FME Jack-Female |
| FMEP | FME Plug-Male |
| MCXP | MCX Plug-Male |
| MMPR | MMCX Plug-Male Right Angle |
| MUHFP | Mini UHF Plug-Male |
| NF | N Jack-Female |
| NFB | N Jack-Female Bulkhead |
| NM | N Plug-Male |
| CN2NMOHFR | NMO Thick Mount |
| CN2NMOLP | NMO Low Profile |
| NMRA | N Plug-Male Right Angle |
| RSJ | RP-SMA Jack-Female |
| RSJBO | RP-SMA Jack-Female Bulkhead |
| RSPS | RP-SMA Plug-Male |
| RSPRA | RP-SMA Plug-Male Right Angle |
| RTJ | RP-TNC Jack-Female |
| RTJB | RP-TNC Jack-Female Bulkhead |
| RTP | RP-TNC Plug-Male |
| RTPRA | RP-TNC Plug-Male Right Angle |
| SMAJ | SMA Jack-Female |
| SMAJB | SMA Jack-Female Bulkhead |
| SMAP | SMA Plug-Male |
| SMAPRA | SMA Plug-Male Right Angle |
| SMBP | SMB Plug-Male |
| TNJ | TNC Jack-Female |
| TNJB | TNC Jack-Female Bulkhead |
| TNP | TNC Plug-Male |
| TNPRA | TNC Plug-Male Right Angle |
| TS9 | TS9 Plug-Male |
| TS9RA | TS9 Plug-Male Right Angle |
| UHFJ | UHF Jack-Female (SO-239) |
| UHFP | UHF Plug-Male (PL-259) |

ABOUT AIR802

MISSION STATEMENT

Listen to customer needs, create quality products that provide solutions, maintain integrity, and build partnerships that provide value for everyone.

OUR VISION

AIR802 is an industry leader at the forefront of technology. We are active participants in a number of wireless industry forums, including participation in the Institute of Electrical and Electronic Engineers (IEEE) 802.11 standards committees, Bicsi and other organizations.

Our customer base is large and diverse. Our primary market focus has been in the geographical areas of North, Central and South America. However, we serve and have customers worldwide, including Asia, Middle East, Africa and Europe. Our clientele includes: computer networking and reseller organizations, telephone companies, cable TV (MSO) operators, wireless Internet service providers (WISPs), municipalities, corporations and government agencies, including the military. AIR802 corporate office is located in Aurora, Illinois. We also maintain a large sales and distribution center in Santiago, Chile and in Hong Kong. We reach our clients through direct sales, website sales, and computer and network resellers and through our distributors.

FOR MORE INFORMATION

Call: (630) 428.3108

Visit: www.air802.com

SALES INQUIRES

Email: sales@air802.com

