

Dual Band 3dB Antenna - No Tune

The AN-225001-001 antenna provides outstanding bandwidth performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The antenna features a molded polymer base, plated spring loaded contact pin, and a 0.100" diameter stainless steel whip for long lasting operation.



Electrical Specifications

Frequency Range:

764-870 MHz

Maximum Power:

150 Watts

Gain:

3 dBd typical

VSWR:

< 1.75:1

Nominal Impedance:

50 Ohms

Polarization:

Vertical, linear

Mechanical Specifications

Radiator Material:

.100" diameter, black closed coil stainless steel

Spring:

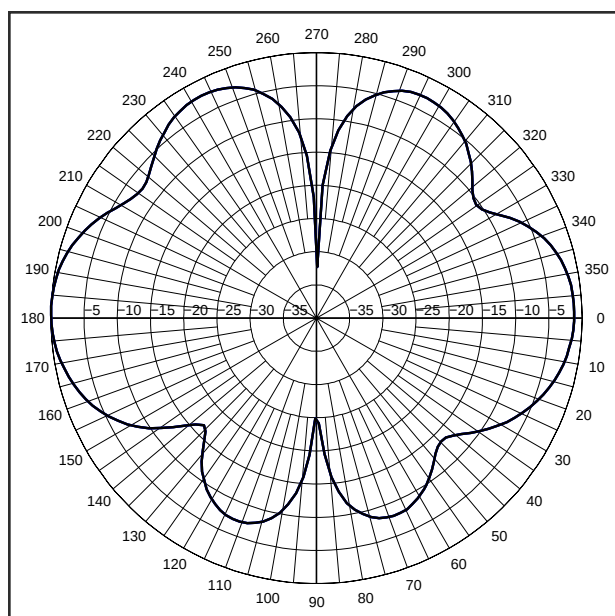
Black, stainless steel

Phasing Coil Housing:

Molded polymer jacket with copper, nickel and chrome brass bushing

Antenna Length:

Approximately 15 inches



Vertical Cut

Standard Roof Mount Mount, Low Loss

The AN-125001-002 is a permanent NMO style roof mount with 15 feet Pro-Flex™ Plus 195 low loss cable and loose TNC connector.



Mount Specifications

Mounting Hole:

3/4"; 1-1/8"-18 thread (installs from above)

Coax Cable

15 ft. Pro-Flex Plus™ 195, low loss

Connector:

TNC Male (loose)

Connector Type:

Crimp

Thick Roof Mount, Low Loss

The AN-125001-004 is a permanent NMO style roof mount for mounting surfaces up to 3/16 inches. It includes 15 feet of Pro-Flex™ Plus 195 low loss cable and loose TNC male connector.



Mount Specifications

Mounting Hole:

3/8" or 3/4"; 1-1/8"-18 thread (installs from below)

Metal Thickness:

3/16 inches

Coax Cable:

15 ft. Pro-Flex™ Plus 195 low loss cable

Connector:

TNC Male (loose)

Connector Type:

Crimp

Magnetic Roof Mount, Low Loss

The AN-125001-008 magnetic mount includes 15 feet of Pro-Flex Plus™ 195 low loss cable and loose TNC male connector. Includes protective rubber boot.



Mount Specifications

Diameter:

3-1/4" OD; 1-1/8"-18 thread

Coax Cable:

15 ft. Pro-Flex Plus™ 195 low loss cable

Connector:

TNC Male (loose)

Connector Type:

Crimp

Color:

Black

Magnet Strength:

Minimum 20 lbs

AN-225001-002

764-870 MHz Elevated Feed Antenna



Dual Band Elevated Feed Point Antenna - No Tune

The AN-225001-002 elevated feed point antenna provides 3 dBd gain performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The elevated feed point antenna kit is designed for vehicles without a ground plane.

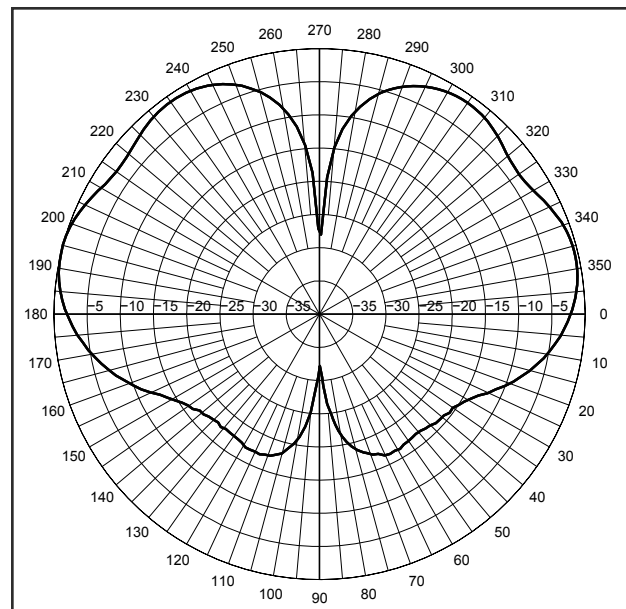


Electrical Specifications

Frequency Range:
764-870 MHz
Maximum Power:
125 Watts
Gain:
3 dBd typical
VSWR:
< 1.75:1
Nominal Impedance:
50 Ohms
Polarization:
Vertical, linear

Mechanical Specifications

Radiator Material:
.100" diameter, black closed coil stainless steel
Spring:
Black, stainless steel
Phasing Coil Housing:
Molded polymer jacket with copper, nickel and chrome brass bushing
Antenna Length:
Approximately 22 inches



Vertical Cut

764-870 MHz

AN-225001-003

764-870 MHz Elevated Feed Antenna



Dual Band Elevated Feed Point Antenna - No Tune

The AN-225001-003 elevated feed point antenna provides 3 dBd gain performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The elevated feed point antenna kit is designed for vehicles without a ground plane.

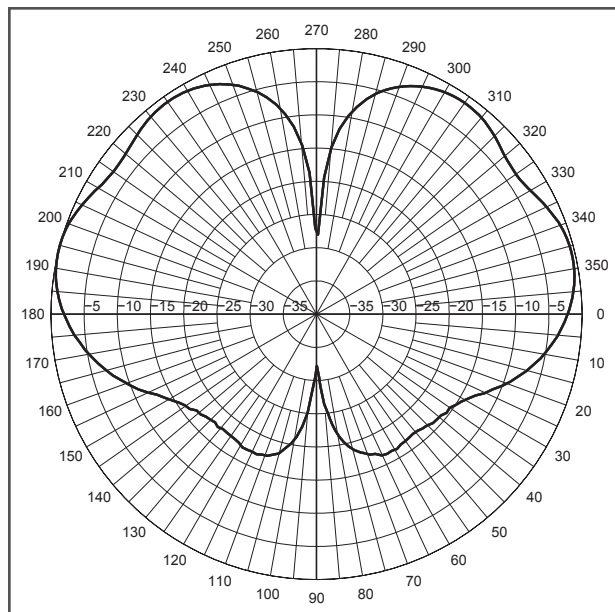


Electrical Specifications

Frequency Range:
764-870 MHz
Maximum Power:
125 Watts
Gain:
3 dBd typical
VSWR:
< 1.75:1
Nominal Impedance:
50 Ohms
Polarization:
Vertical, linear

Mechanical Specifications

Radiator Material:
.100" diameter, black closed coil stainless steel
Spring:
Black, stainless steel
Phasing Coil Housing:
Molded polymer jacket with copper, nickel and chrome brass bushing
Antenna Length:
Approximately 22 inches



Vertical Cut

764-870 MHz

AN-225001-004

764-870 MHz Low Profile Antenna



Dual Band Low Profile Roof Mount Antenna - No Tune

The AN-225001-004 low profile roof mount antenna kit provides outstanding bandwidth performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The antenna features an attractive, compact package and is ideal for applications requiring minimum visibility.



Electrical Specifications

Frequency Range:

764-870 MHz

Maximum Power:

150 Watts

Gain:

2 dBd typical

VSWR:

< 1.75:1

Nominal Impedance:

50 Ohms

Polarization:

Vertical, linear

Mechanical Specifications

Radiator Material:

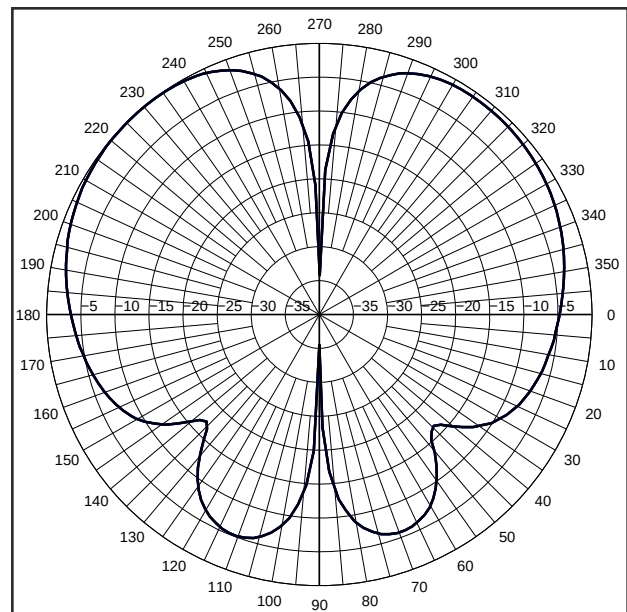
Solid brass

Radome material:

Black molded polymer

Antenna Dimensions:

2.5" H x 1.5" OD



Vertical Cut

764-870 MHz

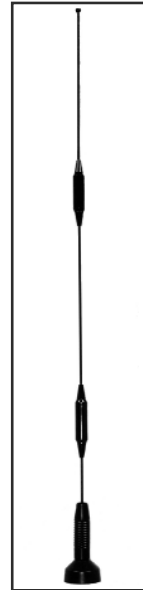
AN-225001-005

764-870 MHz Roof Mount Antenna



Dual Band Roof Mount 5 dB Gain Antenna - No Tune

The AN-225001-005 roof mount antenna kit provides outstanding bandwidth performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The antenna features a molded polymer base, plated spring loaded contact pin, and a 0.100" diameter stainless steel whip for long lasting operation.



Electrical Specifications

Frequency Range:

764-870 MHz

Maximum Power:

35 Watts

Gain:

5 dBd typical

VSWR:

< 1.9:1

Nominal Impedance:

50 Ohms

Polarization:

Vertical, linear

Mechanical Specifications

Radiator Material:

.100" diameter, black closed coil stainless steel

Spring:

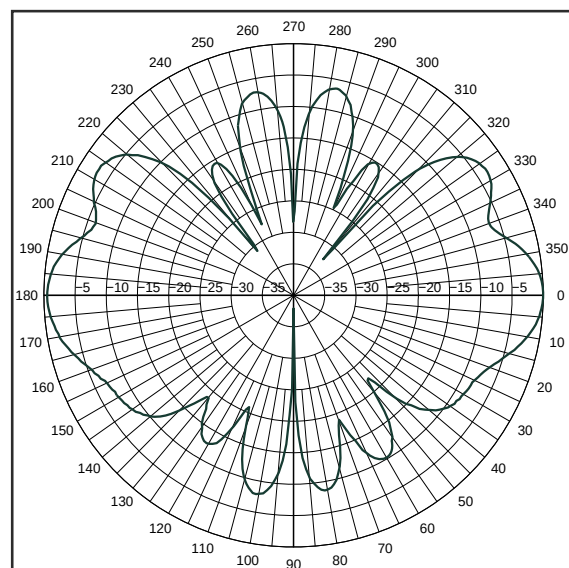
Black, stainless steel

Phasing Coil Housing:

Molded polymer jacket with copper, nickel and chrome brass bushing

Antenna Length:

Approximately 25 inches



Vertical Cut

764-870 MHz

AN-225005-001

900 MHz, 3 dB Gain Antenna



900 MHz, 3 dB Gain Antenna

The AN-225005-001 roof mount antenna provides outstanding bandwidth performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The antenna features a molded polymer base, plated spring loaded contact pin, and a 0.100" diameter stainless steel whip for long lasting operation.



Electrical Specifications

Frequency Range:

896-941 MHz

Maximum Power:

35 Watts

Gain:

3 dBd, typical

VSWR:

< 1.75:1

Nominal Impedance:

50 Ohms

Polarization:

Vertical, linear

Mechanical Specifications

Radiator Material:

.100" diameter, black closed coil stainless steel

Spring:

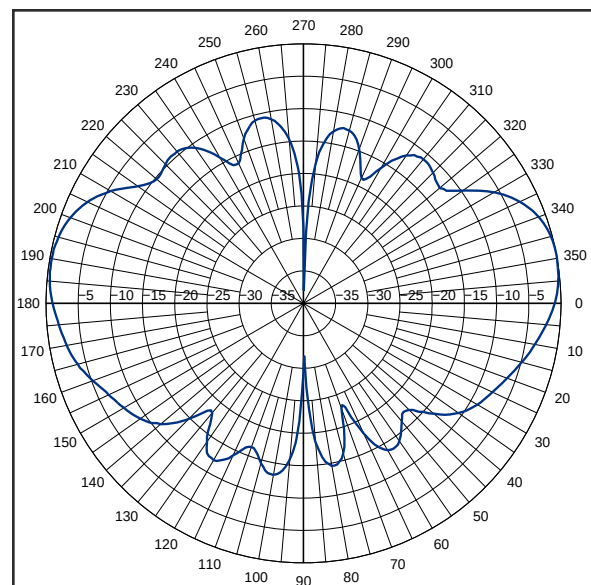
Black, stainless steel

Phasing Coil Housing:

Molded polymer jacket with copper, nickel and chrome brass bushing

Antenna Length:

Approximately 15 inches



Vertical Cut

900 MHz, 3 dB Gain, Elevated Feed

The AN-225005-002 elevated feed point antenna provides 3 dBd gain performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The elevated feed point antenna kit is designed for vehicles without a ground plane.

**Electrical Specifications****Frequency Range:**

896-941 MHz

Maximum Power:

35 Watts

Gain:

3 dBd, typical

VSWR:

< 1.75:1

Nominal Impedance:

50 Ohms

Polarization:

Vertical, linear

Mechanical Specifications**Radiator Material:**

.100" diameter, black closed coil stainless steel

Spring:

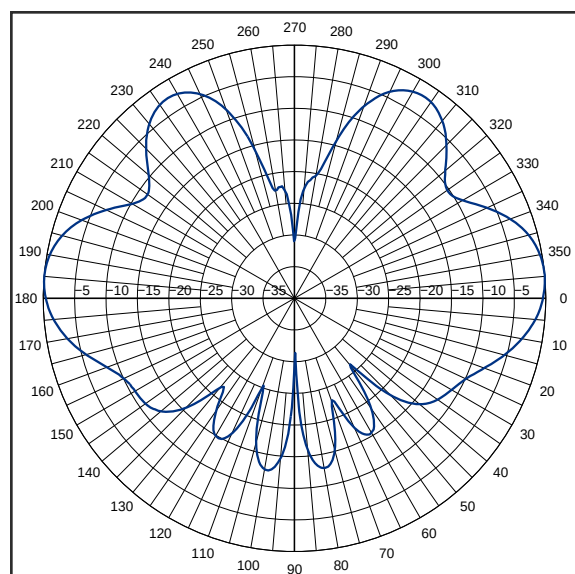
Black, stainless steel

Phasing Coil Housing:

Molded polymer jacket with copper, nickel and chrome brass bushing

Antenna Length:

Approximately 22 inches

**Vertical Cut**

900 MHz, 3 dB Gain, Elevated Feed

The AN-225005-003 elevated feed point antenna provides 3 dBd gain performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The elevated feed point antenna kit is designed for vehicles without a ground plane.

**Electrical Specifications****Frequency Range:**

896-941 MHz

Maximum Power:

35 Watts

Gain:

3 dBd, typical

VSWR:

< 1.75:1

Nominal Impedance:

50 Ohms

Polarization:

Vertical, linear

Mechanical Specifications**Radiator Material:**

.100" diameter, black closed coil stainless steel

Spring:

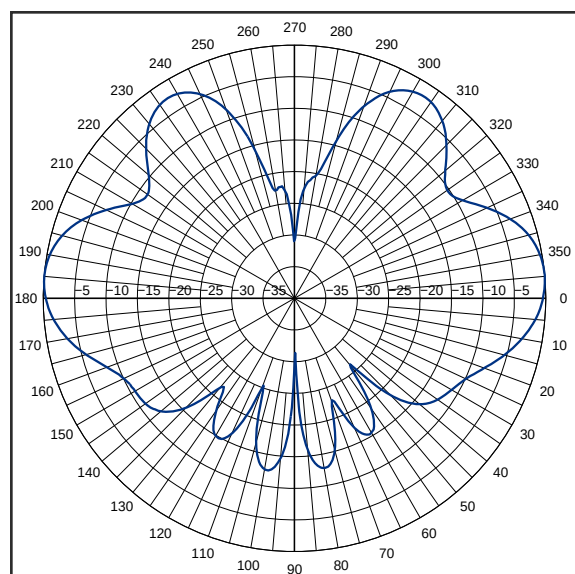
Black, stainless steel

Phasing Coil Housing:

Molded polymer jacket with copper, nickel and chrome brass bushing

Antenna Length:

Approximately 22 inches

**Vertical Cut**

900 MHz, Low Profile Antenna

The AN-225005-004 low profile roof mount antenna kit provides outstanding bandwidth performance with a low VSWR and no tuning required. It is designed to provide a one model solution for the most demanding mobile communications requirements. The antenna features an attractive, compact package and is ideal for applications requiring minimum visibility.



Electrical Specifications

Frequency Range:

896-941 MHz

Maximum Power:

35 Watts

Gain:

2 dBd typical

VSWR:

< 1.75:1

Nominal Impedance:

50 Ohms

Polarization:

Vertical, linear

Mechanical Specifications

Radiator Material:

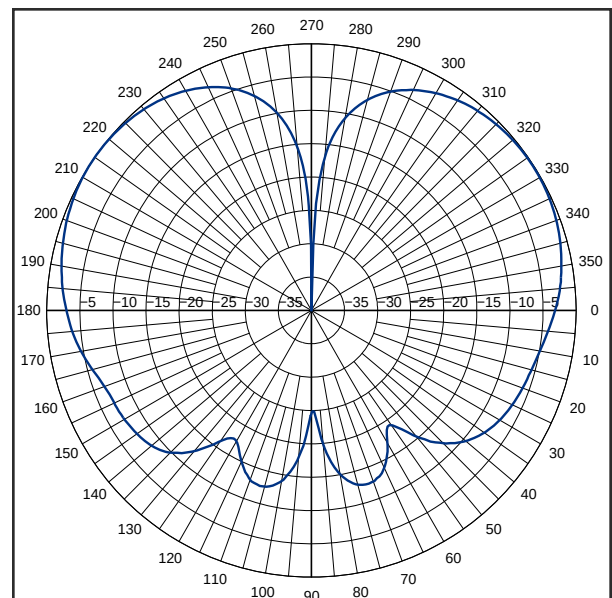
Solid brass

Radome material:

Black molded polymer

Antenna Dimensions:

2.5" H x 1.5" OD



Vertical Cut