

## 2.4 GHz ISM Mobile Antennas

The 2.4 GHz ISM mobile antennas cover frequencies from 2.400 to 2.4835 GHz. The (B)MAXC models feature MAXRAD's popular BMAX molded polymer base, a plated spring-loaded contact pin, and a .100" diameter stainless steel whip for long lasting, trouble free service. The MUF model is a chrome nut antenna with a .062" stainless steel whip. Various mount and connector options provide low-loss mounting for a variety of metal surfaces.

### General Specifications:

2.4 GHz ISM mobile antennas

### Radiator Material:

.100" dia. stainless steel; bright (MAXC) or black finish (BMAXC)

.062" dia. stainless steel; bright finish - MUF model

### Antenna Base:

Molded polymer with a plated brass insert ring and a spring-loaded, brass contact pin - (B)MAXC models

Brass mount nut with bright chrome finish - MUF model

### Maximum Power:

100 Watts - all models

### VSWR:

<1.5:1

### Nominal Impedance:

50 Ohms

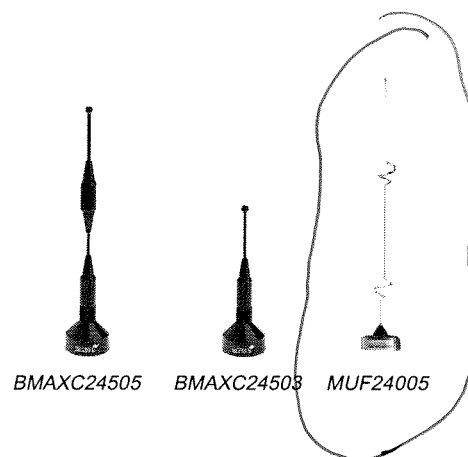
### Antenna Type:

Collinear array - (B)MAXC models

Dual open coil chrome nut - MUF model

### Rod Ferrule:

5/16" - 24 thread; bright or black chrome plated brass - (B)MAXC models



### Electrical Specifications

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Model #	Frequency Range	Factory Tuned Frequency	Coil Type	Gain
(B)MAXC24503	2.400 - 2.4835 GHz	2.45 GHz	Closed	3 dBi
(B)MAXC24505	2.400 - 2.4835 GHz	2.45 GHz	Closed	5 dBi
MUF24005	2.400 - 2.4835 GHz	2.45 GHz	Open	5 dBi

\* Prefix "B" indicates black

### Mechanical Specifications

#### 2.4 GHz ISM Mobile Antennas

Model #	Antenna Height	Weight
(B)MAXC24503	5-1/4"	0.12 lbs.
(B)MAXC24505	7-1/2"	0.16 lbs.
MUF24005	8-3/4"	0.10 lbs.

\* Prefix "B" indicates black

### Mounts

Model #	Mount Type	Description	Length of Coax Cable*	Coax	Connector
MTPM800	Permanent Bulkhead, Thick Plate	5/8" hole; 1-1/8" - 18 thread	None	N/A	N Female
SMML195NCP	Stainless Steel "M" Series Permanent	3/4" hole; 1-1/8" - 18 thread; installs from above	17'	LMR-195	N Male
SMML195BN	Stainless Steel "M" Series Permanent	3/4" hole; 1-1/8" - 18 thread; installs from above	17'	LMR-195	BNC Male
SMML195C	Stainless Steel "M" Series Permanent	3/4" hole; 1-1/8" - 18 thread; installs from above	17'	LMR-195	TNC Male
(B)GMML195NCP	GM Series Magnetic	2-3/8" magnetic mount	12'	LMR-195	N Male

Other lengths of cable and various connectors are also available. Please consult the factory for specific requirements.