

MAX Base Series

This series features a molded polymer base, plated spring-loaded contact pin, and a .100" diameter stainless steel whip for long-lasting, trouble-free service. It is available with either an open coil rod or our "quiet" closed coil rod.

Features

- Available in bright chrome or our black finish
- Antenna is ready to install; no rod cutting is required
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts



MAX7603S

Electrical Specifications

Maximum Power:

150 Watts

VSWR at Resonant Point:

<1.5:1

Nominal Impedance:

50 Ohms

Antenna Type:

700 MHz Model:

Wideband collinear

800 MHz Models:

3dB: 5/8 wave over a 1/4 wave

5dB: Dual 1/2 wave over a 1/4 wave

900 MHz Models:

3dB: 5/8 wave over a 1/4 wave

5dB: Dual 1/2 wave over a 1/4 wave

Mechanical Specifications

Radiator Material:

.100" diameter stainless steel; bright or black finish

Optional Spring:

Stainless steel; bright or black finish

Phasing Coil Housing:

Molded polymer jacket with copper, nickel and chrome plated brass bushing

Rod Ferrule:

5/16" -24 thread; bright or black chrome plated brass

Base Coil Housing:

Molded polymer with a plated brass insert ring and a spring-loaded brass contact pin

700 MHz Antenna Height: Approximately 14"

800 MHz Antenna Height:

3dB: Approximately 13" at lowest frequency

5dB: Approximately 24" at lowest frequency

900 MHz Antenna Height:

3dB: Approximately 11" at lowest frequency

5dB: Approximately 23" at lowest frequency

700/800/900 MHz

Factory Tuned

Model #	Frequency Range	Frequency	Rod/Coil Type	Gain
(B)MAX7603S	760-870 MHz	815 MHz	Collinear/Open	3dB
(B)MAX7633S	760-870 MHz	815 MHz	Collinear/Closed	3dB
(B)MAX8053(S)	806-896 MHz	835 MHz	Collinear/Open	3dB
(B)MAX8033(S)	806-896 MHz	835 MHz	Collinear/Closed	3dB
(B)MAX9053(S)	896-940 MHz	896 MHz	Collinear/Open	3dB
(B)MAX9033(S)	896-940 MHz	896 MHz	Collinear/Closed	3dB
(B)MAX9103(S)	870-950 MHz	898 MHz	Collinear/Closed	3dB
(B)MAX8135(S)	806-866 MHz	815 MHz	Trilinear/Open	5dB
(B)MAX8055(S)	806-866 MHz	815 MHz	Trilinear/Closed	5dB
(B)MAX8355(S)	825-896 MHz	835 MHz	Trilinear/Open	5dB
(B)MAX8375(S)	825-896 MHz	835 MHz	Trilinear/Closed	5dB
(B)MAX9075(S)	896-940 MHz	896 MHz	Trilinear/Open	5dB
(B)MAX9085(S)	896-940 MHz	896 MHz	Trilinear/Closed	5dB
(B)MAX9105(S)	870-950 MHz	898 MHz	Trilinear/Closed	5dB

Prefix "B" indicates black. Suffix "S" indicates spring.