

Chrome Coil Antennas, No Ground Plane

Designed for installations that lack a suitable ground plane, these Unity, 3dB, and 5dB gain antennas feature a tapered loading coil jacket with chrome plated brass fittings and an optional heavy-duty stainless steel spring. The base loaded matching network supports the collinear or trilinear rod sections above without the need of a ground plane.

Features

- No ground plane required
- Rugged construction; optional heavy-duty shock spring
- Sleek, sturdy, sealed phasing coil design
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts



Electrical Specifications

Maximum Power:

150 Watts

VSWR at Resonant Point:

<1.5:1

Nominal Impedance:

50 Ohms

Antenna Type:

Unity: 1/4 wave

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

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

Mechanical Specifications

Radiator Material:

.100" diameter stainless steel

Optional Spring:

Stainless steel

Phasing Coil Housing:

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

Base Housing Coil:

Tapered jacket with copper, nickel and chrome plated brass bushings

800 MHz Antenna Height:

Unity: Approximately 7.5" at lowest frequency

3dB: Approximately 17.25" at lowest frequency

5dB: Approximately 27.7" at lowest frequency

900 MHz Antenna Height:

Unity: Approximately 7.25" at lowest frequency

3dB: Approximately 17.5" at lowest frequency

5dB: Approximately 27.5" at lowest frequency

Model #	Frequency Range	Factory Tuned Frequency	Rod/Coil Type	Gain	List Price Chrome Models	List Price Chrome Models with Spring
MUF8150NGP(S)	806-866 MHz	815 MHz	Straight	Unity	\$26.50	\$36.50
MUF8350NGP(S)	824-896 MHz	835 MHz	Straight	Unity	\$26.50	\$36.50
MUF9000NGP(S)	896-940 MHz	898 MHz	Straight	Unity	\$26.50	N/A
MUF8103NGP(S)	806-866 MHz	815 MHz	Collinear/Open	3dB	\$30.97	\$40.97
MUF8003NGP(S)	806-866 MHz	815 MHz	Collinear/Closed	3dB	\$36.25	\$46.25
MUF8303NGP(S)	824-896 MHz	835 MHz	Collinear/Open	3dB	\$30.97	\$40.97
MUF8323NGP(S)	824-896 MHz	835 MHz	Collinear/Closed	3dB	\$36.25	\$46.25
MUF9103NGP(S)	896-940 MHz	898 MHz	Collinear/Open	3dB	\$30.97	\$40.97
MUF9003NGP(S)	896-940 MHz	898 MHz	Collinear/Closed	3dB	\$36.25	\$46.25
MUF8105NGP(S)	806-866 MHz	815 MHz	Trilinear/Open	5dB	\$40.15	\$50.15
MUF8005NGP(S)	806-866 MHz	815 MHz	Trilinear/Closed	5dB	\$45.90	\$55.90
MUF8305NGP(S)	824-896 MHz	835 MHz	Trilinear/Open	5dB	\$40.15	\$50.15
MUF8325NGP(S)	824-896 MHz	835 MHz	Trilinear/Closed	5dB	\$45.90	\$55.90
MUF9025NGP(S)	896-940 MHz	898 MHz	Trilinear/Open	5dB	\$40.15	\$50.15
MUF9035NGP(S)	896-940 MHz	898 MHz	Trilinear/Closed	5dB	\$45.90	\$55.90

Suffix "S" indicates spring