

(B)MUF 800/900 MHz Elevated Feed Point Series

806-940 MHz, Unity/3dB/5dB Gain

These Elevated Feed Point antennas are engineered for vehicles without a ground plane. When trunk mounted, the antenna extends above the roofline to eliminate the "shadow effect" caused by the passenger compartment. Available with a straight rod (unity gain), our open phasing coil rod, or our "quiet" closed coil rod.

Features:

- ◆ Excellent choice for trunk or mirror bracket mounting
- ◆ Factory tuned for SMR/Cellular and 900 MHz models
- ◆ 1-1/8" -18 mounting threads mate with all 3/4" MAXRAD mounts

Electrical Specifications

Maximum Power:

125 Watts

VSWR at Resonant Point:

<1.5:1

Nominal Impedance:

50 Ohms

Antenna Type:

Unity - 1/4 Wave

3dB - 1/2 wave over a 1/4 wave

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

Mechanical Specifications

Radiator Material:

.100" dia. stainless steel; bright or black finish

Spring:

Stainless steel; bright or black finish

Phasing Coil Housing:

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

Rod Ferrule:

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

Body:

Molded polymer

800 MHz Antenna Height:

Unity- Approx. 12" at lowest frequency

3dB- Approx. 23" at lowest frequency

5dB- Approx. 33" at lowest frequency

900 MHz Antenna Height:

Unity- Approx. 11 1/2" at lowest frequency

3dB- Approx. 22 1/2" at lowest frequency

5dB- Approx. 32" at lowest frequency

(B)MUF-8040 Series

| Model # | Frequency Range | Factory Tuned Frequency | Rod/Coil Type | Gain |
|-------------|-----------------|-------------------------|------------------|-------|
| (B)MUF-8040 | 806-866 MHz | 815 MHz | Straight | Unity |
| (B)MUF-8400 | 825-896 MHz | 835 MHz | Straight | Unity |
| (B)MUF-9040 | 896-940 MHz | 898 MHz | Straight | Unity |
| (B)MUF-8023 | 806-866 MHz | 815 MHz | Collinear/Open | 3dB |
| (B)MUF-8073 | 806-866 MHz | 815 MHz | Collinear/Closed | 3dB |
| (B)MUF-8043 | 806-896 MHz | 835 MHz | Collinear/Open | 3dB |
| (B)MUF-8083 | 825-896 MHz | 835 MHz | Collinear/Closed | 3dB |
| (B)MUF-9043 | 896-940 MHz | 898 MHz | Collinear/Open | 3dB |
| (B)MUF-9083 | 896-940 MHz | 898 MHz | Collinear/Closed | 3dB |
| (B)MUF-9113 | 870-950 MHz | 898 MHz | Collinear/Open | 3dB |
| (B)MUF-8035 | 806-866 MHz | 815 MHz | Trilinear/Open | 5dB |
| (B)MUF-8045 | 806-866 MHz | 815 MHz | Trilinear/Closed | 5dB |
| (B)MUF-8405 | 825-896 MHz | 835 MHz | Trilinear/Open | 5dB |
| (B)MUF-8455 | 825-896 MHz | 835 MHz | Trilinear/Closed | 5dB |
| (B)MUF-9105 | 896-940 MHz | 898 MHz | Trilinear/Open | 5dB |
| (B)MUF-9115 | 896-940 MHz | 898 MHz | Trilinear/Closed | 5dB |

Prefix "B" indicates black

Spring included



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