

(B)MEFHD 800/900 Heavy Duty Series

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

A heavy-duty version of the standard MAXRAD elevated feed point antenna, this antenna features an extra-long fiber-glass body, a spring-loaded contact pin, and an oversized spring. It is ideal for those tough applications where a sturdy, reliable antenna is required.

Features:

- ◆ Elevated Feed Point antenna eliminates vehicle "shadow" effect
- ◆ Does not require a ground plane; excellent for non-metallic vehicles
- ◆ Factory tuned for SMR/Cellular and 900 MHz applications
- ◆ 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 threads; bright or black chrome plated brass

Body:

Molded polymer; thick-walled extruded fiberglass

800/900 MHz Antenna Height:

Unity - Approx. 15" at lowest frequency

3dB - Approx. 26" at lowest frequency

5dB - Approx. 36" at lowest frequency

(B)MEF-8150HD Series

| Model # | Frequency Range | Factory Tuned Frequency | Rod/Coil Type | Gain |
|----------------|-----------------|-------------------------|------------------|-------|
| (B)MEF-8150HD | 806-866 MHz | 815 MHz | Straight | Unity |
| (B)MEF-8350HD | 825-896 MHz | 835 MHz | Straight | Unity |
| (B)MEF-8980HD | 896-940 MHz | 898 MHz | Straight | Unity |
| (B)MEFO-8153HD | 806-866 MHz | 815 MHz | Collinear/Open | 3dB |
| (B)MEFC-8153HD | 806-866 MHz | 815 MHz | Collinear/Closed | 3dB |
| (B)MEFO-8353HD | 825-896 MHz | 835 MHz | Collinear/Open | 3dB |
| (B)MEFC-8353HD | 825-896 MHz | 835 MHz | Collinear/Closed | 3dB |
| (B)MEFO-8983HD | 896-940 MHz | 898 MHz | Collinear/Open | 3dB |
| (B)MEFC-8983HD | 896-940 MHz | 898 MHz | Collinear/Closed | 3dB |
| (B)MEFO-8155HD | 806-866 MHz | 815 MHz | Trilinear/Open | 5dB |
| (B)MEFC-8155HD | 806-866 MHz | 815 MHz | Trilinear/Closed | 5dB |
| (B)MEFO-8355HD | 825-896 MHz | 835 MHz | Trilinear/Open | 5dB |
| (B)MEFC-8355HD | 825-896 MHz | 835 MHz | Trilinear/Closed | 5dB |
| (B)MEFO-8985HD | 896-940 MHz | 898 MHz | Trilinear/Open | 5dB |
| (B)MEFC-8985HD | 896-940 MHz | 898 MHz | Trilinear/Closed | 5dB |

Prefix "B" indicates black

Spring Included



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