



No Ground Plane Elevated Feed Point Antennas

The elevated feed point antennas are designed for those applications that lack a ground plane. They are ideal for mirror or trunk lid mounting or for vehicles with non-metallic surfaces where no ground plane is available.

Features

- Elevated feed point eliminates vehicle "shadow" effect
- Does not require a ground plane; excellent for non-metallic vehicles
- Stainless steel shock spring included on all models
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts



BMUF7603

STANDARD CONFIGURATION

| Model | Recommended Mount (Sold Separately) | Rod/Coil Type |
|-------------|---|--------------------|
| BMUF8043 | Mates with 1-1/8"-18 thread mounts, including 3/4" mounts | Collinear / Open |
| BMUF8045 | Mates with 1-1/8"-18 thread mounts, including 3/4" mounts | Trilinear / Open |
| BMUF7603 | Mates with 1-1/8"-18 thread mounts, including 3/4" mounts | Collinear / Closed |
| MUF8455* | Mates with 1-1/8"-18 thread mounts, including 3/4" mounts | Trilinear / Closed |
| (B)MUF9115* | Mates with 1-1/8"-18 thread mounts, including 3/4" mounts | Trilinear / Closed |

ELECTRICAL SPECIFICATIONS

| Model | Frequency Range | Gain | VSWR | Average Power | Nominal Impedance | Polarization |
|-------------|-----------------|------|---------|---------------|-------------------|------------------|
| BMUF8043 | 825-896 MHz | 3 dB | < 1.5:1 | 125 watts | 50 ohms | Vertical, linear |
| BMUF8045 | 806-866 MHz | 5 dB | < 1.5:1 | 125 watts | 50 ohms | Vertical, linear |
| BMUF7603 | 760-870 MHz | 3 dB | < 1.5:1 | 125 watts | 50 ohms | Vertical, linear |
| MUF8455* | 825-896 MHz | 5 dB | < 1.5:1 | 125 watts | 50 ohms | Vertical, linear |
| (B)MUF9115* | 896-940 MHz | 5 dB | < 1.5:1 | 125 watts | 50 ohms | Vertical, linear |

MECHANICAL SPECIFICATIONS

| Model | Approximate Whip Length at Lowest Frequency | Temperature Range | Radiator | Housing Material |
|-------------|---|-------------------|-------------|---------------------|
| BMUF8043 | 23" | -40° to +85° | 17-7 PH SST | Black UV-Stable ABS |
| BMUF8045 | 33" | -40° to +85° | 17-7 PH SST | Black UV-Stable ABS |
| BMUF7603 | 38" | -40° to +85° | 17-7 PH SST | Black UV-Stable ABS |
| MUF8455* | 33" | -40° to +85° | 17-7 PH SST | Black UV-Stable ABS |
| (B)MUF9115* | 32" | -40° to +85° | 17-7 PH SST | Black UV-Stable ABS |

* (B) indicates black option available. To select, add prefix "B" to the part number. Example: BMUF9115