

VHF and UHF Wideband Antennas - No Tune

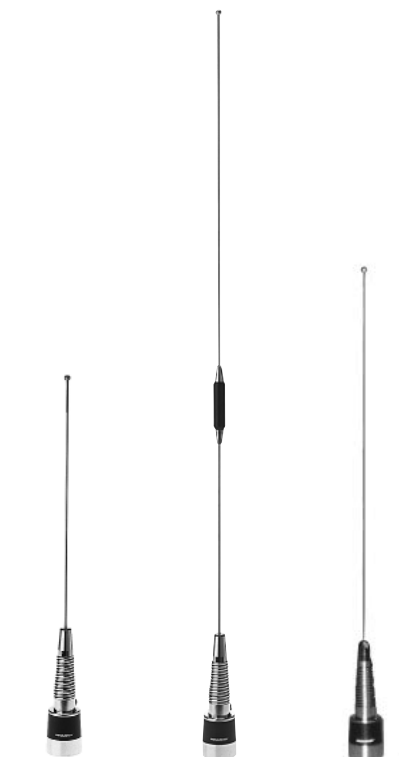
These antennas address equipment inter-operability challenges by providing superior bandwidth coverage without sacrificing antenna performance. Their no tune wideband design eliminates the need to install multiple antennas to cover various VHF or UHF frequency bands, thus reducing installation costs and complexity and improving overall coverage of the desired frequencies.

Features

- Rugged stainless steel spring and wideband tube assembly for maximum durability and shock absorption
- Thick-wall housing, double-sealed for maximum weatherproofing
- Mates with all 1-1/8" -18 thread mounts, including 3/4" mounts
- MWU4002S operates with or without a ground plane without compromising VSWR performance.

Electrical Specifications

| Model | Frequency Range | Bandwidth | Gain |
|--------------|-----------------|-----------|--|
| (B)MWV1365S* | 136-174 MHz | 38 MHz | Unity |
| MWU3502S* | 350-450 MHz | 100 MHz | 2.0 dB with a ground plane Unity without a ground plane |
| (B)MWU4002S* | 380-520 MHz | 140 MHz | 2.0 dB with a ground plane Unity without a ground plane |
| MWU4505(S) | 440-480 MHz | 40 MHz | 4.5 dB |
| MWU4063S* | 406-470 MHz | 64 MHz | 3 dB |



MWU4002S MWU4505S MWV1365S

*MWU4002S operates without a ground plane without compromising VSWR performance.



Technical Data

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| Maximum Power: 200 watts (UHF) 160 watts (VHF) |
| Nominal Impedance: 50 ohms |
| VSWR: < 2.0:1 |
| Radiator Material: .100" diameter stainless steel |
| Spring: Stainless steel |
| Phasing Coil Housing: Molded polymer jacket with bright or black chrome plated bushing |
| Base Coil Housing: Molded polymer jacket with copper, nickel and chrome plated bushing |

Mechanical Specifications

| Model | Antenna Height at Lowest Frequency |
|-------------|------------------------------------|
| (B)MWV1365S | Approximately 20" |
| MWU3502S | Approximately 12" |
| (B)MWU4002S | Less than 12" |
| MWU4505(S) | Approximately 32" |
| MWU4063S | Approximately 12" |

Prefix "B" indicates black. Suffix "S" indicates spring option.
*This model only includes spring option.