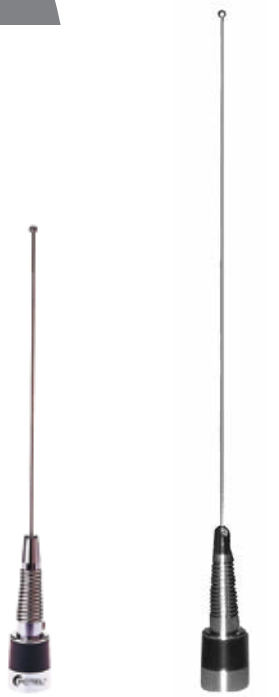
VHF and UHF Wideband Antennas - No Tune

These PCTEL 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

- Wideband, no tune design for seamless operation and installation ease across multiple frequency bands
- 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 MWV1365S

STANDARD CONFIGURATION

Model	Recommended Mounts (Sold Separately)
(B)MWV1365S*	Mates with 1-1/8" -18 thread mounts, including 3/4" mounts
(B)MWU4002S*	Mates with 1-1/8" -18 thread mounts, including 3/4" mounts
MWU4505S	Mates with 1-1/8" -18 thread mounts, including 3/4" mounts
MWU4063S	Mates with 1-1/8" -18 thread mounts, including 3/4" mounts
MWU5002S	Mates with 1-1/8" -18 thread mounts, including 3/4" mounts

ELECTRICAL SPECIFICATIONS

Model	Frequency Range	Gain	VSWR	Maximum Power	Nominal Impedance
(B)MWV1365S*	136-174 MHz	Unity	< 2.0:1	160 watts	50 ohms
(B)MWU4002S*	380-520 MHz	2.0 dB with a ground plane. Unity without a ground plane	< 2.0:1	200 watts	50 ohms
MWU4505S	440-480 MHz	4.5 dB	< 2.0:1	200 watts	50 ohms
MWU4063S	406-470 MHz	3.0 dB	< 2.0:1	200 watts	50 ohms
MWU5002S	567-657 MHz	2.0 dB	< 2.0:1	200 watts	50 ohms

MECHANICAL SPECIFICATIONS

Model	Approximate Whip Length at Lowest Frequency	Temperature Range	Radiator	Housing Material	Spring Material
(B)MWV1365S*	20"	-40°C to +85°C	17-7 PH SST	Black UV-Stable Polymer	SST
(B)MWU4002S*	12"	-40°C to +85°C	17-7 PH SST	Black UV-Stable Polymer	SST
MWU4505S	32"	-40°C to +85°C	17-7 PH SST	Black UV-Stable Polymer	SST
MWU4063S	12"	-40°C to +85°C	17-7 PH SST	Black UV-Stable Polymer	SST
MWU5002S	Less than 9"	-40°C to +85°C	17-7 PH SST	Black UV-Stable Polymer	SST

* This model can be ordered in all black finish. To indicate all black option, add prefix "B" to part number. Example, BMWV1365S.