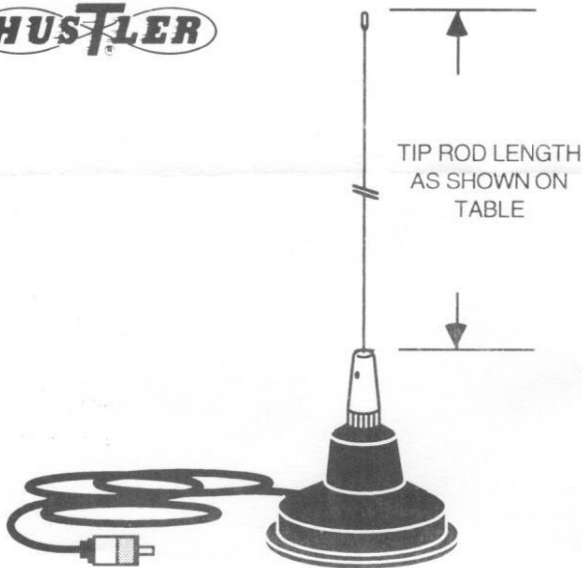


HUSTLER MODEL RUM-150 5/8 WAVE VHF ANTENNA

The RUM-150 is tuneable from 148 MHz. to 174 MHz. with an approximate bandwidth of 5 MHz. under 1.5:1 S.W.R. and 9 MHz. under 2:1 S.W.R. The tip rod is tuneable by loosening the hex screw and sliding the tip rod within the adapter. A tip rod cut chart is provided to give approximate lengths for specific frequencies.

Note: The specified lengths are for the exposed portion of the rod and are measured with the rod inserted in the adapter. Always trim the tip rod 3/4" longer than the given length to assure the rod is not trimmed too short.



FREQUENCY	TIP ROD LENGTH	METRIC LENGTHS
148 MHz.	46 1/2"	118.1 cm.
150 MHz.	45 3/4"	116.2 cm.
152 MHz.	44 7/8"	114.0 cm.
154 MHz.	44 1/4"	112.4 cm.
156 MHz.	43 3/8"	110.2 cm.
158 MHz.	42 5/8"	108.3 cm.
160 MHz.	41 3/4"	106.0 cm.
162 MHz.	41 1/8"	104.5 cm.
164 MHz.	40 1/2"	102.9 cm.
166 MHz.	39 5/8"	100.6 cm.
168 MHz.	39"	99.1 cm.
170 MHz.	38 1/8"	96.8 cm.
172 MHz.	37 3/4"	95.9 cm.
174 MHz.	37"	94.0 cm.

Insert a reliable S.W.R. bridge in the coax line and record the S.W.R. at the high, center, and low edge of the bands. If the S.W.R. is lowest at the high end, lengthen the tip rod in 1/4" length increments; if it is lowest at the low end, shorten the tip rod. Should the tip rod need to be shortened, do so by grinding the rod from the bottom end. Be sure to remove all burrs from the rod before reinsertion.

GENERAL INFORMATION AND SAFETY WARNING

Your Hustler magnetic mount antenna uses the most efficient method of providing magnetic attachment force available. It is stronger per square inch of magnetic surface than any commonly available on the market today. The mount will hold securely, under normal driving conditions when placed directly on any flat metal surface of the average automobile at speeds above the legal limit. However, you are cautioned that the attachment force of magnets is diminished by the thickness of steel, paint, vinyl materials and padding, dirt or other foreign material between the magnets and the metal. You are, therefore, cautioned against this remotely possible danger and advised to use only the recommended mounting method.

ATTENTION HANDHELD USERS

The use of handheld radios can be very stressful on the RG-58 coax just behind the SO-239 connector; therefore it is recommended that a right angle (elbow) adapter be used to reduce the amount of fatigue on the coax.

CAUTION: Do not slide magnet across car surface. To prevent scratching while removing magnet, tilt up one side of the magnet first and lift up.

NEW-TRONICS ANTENNA CORPORATION LIMITED WARRANTY

New-Tronics Antenna Corp. warrants its products to be free of defects in material and workmanship and extends this warranty under intended use and normal service conditions to the original owner for a period of one year from the date of purchase.

This warranty does not apply to any product that has been repaired or altered in any manner and is void for any damage due to accident, neglect, unreasonable use, improper installation, or any other cause not arising out of defects in material or workmanship.

The obligations of New-Tronics Antenna Corporation are limited to repairing or replacing, at its option, any product or part that is returned to the factory; all transportation charges prepaid, accompanied by proof of purchase, and upon examination reveals to have been defective within the warranty period stated above.

New-Tronics Antenna Corp. does not assume nor is any person authorized to assume for it, any obligations other than that herein stated.

Any implied warranties, including but not limited to fitness for a particular purpose, is limited in duration for the above one year period. New-Tronics Antenna Corp. shall not be liable under this warranty, or any implied warranty, for loss of use of the product or for other consequential loss or damage incurred by the purchaser. Some states do not allow the exclusion or limitation of implied warranties of consequential damages and so the above exclusions or limitations may not apply in those states. This warranty gives you special legal rights and you may have other rights that vary from state to state.

RUM-150

Kit No. 9700

9699 Rev. 1 5/97

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