



### MWV1322(S) Wideband VHF Antenna Cutting Table

MWV1322 and MWV1322S wideband antennas can be tuned to any frequency in the 132-174 MHz band. Suggested rod lengths and VSWR frequency response:

2:1 Band (MHz)	1.5:1 Band (MHz)	Length <sup>1</sup>	Length (w/spring) <sup>2</sup>
132-148	137-144	41"	35"
134-151	140-147	39.5"	33.5"
140-158	145-153	38"	32"
150-170	154-166	33.5"	29"
152-174	158-166	32.5"	28"

<sup>1</sup>model MWV-1322

<sup>2</sup>model MWV-1322S

### MWU Series Wideband UHF Antennas

The MWV Series of wideband antennas are factory tuned and optimized for exceptional performance with wideband UHF radios. ***These antennas do not require additional tuning or trimming of the whip.***

### Antenna Location

Maximum performance will be attained by placing the antenna at the center of the vehicle roof or over some other metal ground plane. However, satisfactory results can also be attained in other locations such as the automobile fender or trunk deck.

### Care and Maintenance

Your antenna will provide years of quality service with minimal maintenance. Periodic cleanings and an occasional application of car wax may be used to protect the appearance of the antenna.

### Warranty Information

**GENERAL WARRANTY.** PCTEL, Inc. ("PCTEL") warrants that the PCTEL antenna and/or Connected Solutions products furnished herewith (sometimes collectively referred to as "Products") shall be free from defects in material and workmanship under normal use and operation for the following periods of time commencing with the date of shipment by PCTEL:

Warranty Period	Description of Product
Lifetime to Original Purchaser	Connected Solutions Fiber Optic Cable Assembly products
10 Years	PCTEL Coaxial Surge product series PCTEL Data Line Surge products
5 Years	Bluewave Series antennas, BMOY Series Yagi antennas, BOA Series Omni antennas, FP Panel Series antennas, GPS Airborne Series antennas, GPS-TMG Timing Series antennas, GPS WAAS antennas, MHO Series Omni antennas, MLPV Series Omni antennas, MPMI Omni antennas, MPRC and MPRD Parabolic Reflector antennas, PCTEL Bulk Cable products
2 Years	All other PCTEL antennas
1 Year or Pass-Through Warranty offered by applicable third-party manufacturer (whichever is greater)	Enclosure products Coaxial cable assembly products Any other Connected Solutions products



PCTEL's sole and exclusive obligation under the foregoing warranty shall be, at its option, to repair or replace any defective product that fails during the warranty period. The expense of removal and reinstallation of any item is not included in this warranty. THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE WITH RESPECT TO THE PRODUCTS. Repair or replacement in the manner provided herein shall be the sole and exclusive remedy of the buyer for breach of warranty and shall constitute fulfillment of all liabilities of PCTEL with respect to the quality and performance of the product.

**EXCEPTIONS.** PCTEL DOES NOT WARRANT THAT THE OPERATION OF THE PRODUCTS IS ERROR-FREE OR THAT OPERATION WILL BE UNINTERRUPTED. IN NO EVENT SHALL PCTEL BE LIABLE FOR: (i) ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES TO THE BUYER OR ANY THIRD PARTY ARISING OUT OF THESE TERMS AND CONDITIONS OR ANY DEFECTIVE PRODUCT WHETHER THE DEFECT IS WARRANTED AGAINST OR NOT, WHETHER THE CLAIM IS BASED UPON CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE, (ii) ANY AMOUNT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT, (iii) SYSTEM PERFORMANCE, INCLUDING COVERAGE, (iv) THE BUYER'S SELECTION OF PRODUCTS FOR THE BUYER'S APPLICATION, AND/OR (iv) FAILURE OF PRODUCTS TO MEET GOVERNMENT OR REGULATORY REQUIREMENTS. The foregoing general warranty shall apply only if: (a) the product has been properly installed and used at all times in accordance, in all material respects, with the applicable product documentation; (b) no modification, alteration or addition has been made to the product by persons other than PCTEL or PCTEL's authorized representatives or otherwise approved by PCTEL in

writing; and (c) the product has not been subjected to abuse, misuse, neglect or unusual physical, electrical or electromagnetic stress, or some other type of accident.

**WARRANTY PROCEDURES:** In the event of a warranty claim, the buyer must contact PCTEL to arrange for product return. No product will be accepted for replacement or repair without first obtaining a Return Material Authorization (RMA) number from PCTEL Customer Service by telephone to 630.372.6800 or by email to [antenna.techsupport@pctel.com](mailto:antenna.techsupport@pctel.com). PCTEL reserves the right to inspect all defective products. Products returned without an RMA number will not be processed and will be returned to the buyer freight collect. The warranty period of any repaired or replaced product shall not extend beyond its original term.

Equipment to be repaired or replaced under warranty is to be returned, freight prepaid, to the following address with the assigned RMA number displayed on the box:

**PCTEL, Inc.  
471 Brighton Drive  
Bloomington, Illinois 60108 U.S.A.  
[www.pctel.com](http://www.pctel.com)**

Copyright © 2017 PCTEL, Inc. All rights reserved.