

UPPER ASSEMBLY

1. Refer to Fig. 10. There are eight remaining tubes of telescopic size from 1-3/8" (3.5 cm) diameter to 1/2" (1.27 cm) diameter. Place the indicated size tube clamp over the slotted end of each tube leave loose.
2. Beginning with the largest tube, telescope sections together successively. Insert each section up to the dimple in the previous section. Do not force beyond the dimple. As each section is joined, place the tube clamp even with the edge of the slotted section and securely tighten. Refer to Fig. 5 for a typical clamp placement.
3. Place the large plastic cap over the tip of the top section.
4. Take this telescoping section just completed and slide it into the slotted end of the 88" (2.24m) tube of the lower assembly. Insert up to the dimple.
5. Position the edge of the tube clamp on the 88" tube at the edge. (Fig 5. typical) and securely tighten.

MOUNTING

The Sigma IV is designed to be side mounted to a mast whose **outside** diameter is between 1-1/2" (3.81 cm) and 1-3/4" (4.45 cm).

The coaxial cable may be routed up the center of your mast or taped alongside your mast. If you decide to route coax up the center of your mast, mount the Sigma IV such that its coaxial connector will be inside your mast when fully assembled. Otherwise, rotate the Sigma IV to orient the connector alongside your mast.

1. Connect your coax to the base of the Sigma IV. A small amount of silicone grease on the threads will help prevent water leakage and make disassembly at a later date much easier. Use pliers to tighten the connector. Do not rely upon hand tightening alone.
2. Refer to Fig. 11. Space the "H" brackets with their "U" bolts as far apart as possible on the section of the 88" (2.24 m) tube below the coaxial connector. Back up the "U" bolts with the two bar clamps.

AVANTI'S ONE YEAR LIMITED WARRANTY

AVANTI warrants all products manufactured by it to be free from defects in material and workmanship under normal use. This warranty shall apply only to defects appearing within one year from date of purchase. This warranty does not extend to damage caused by misuse, negligence, accident, nor to any item which shall have been altered in any way so as to affect its use and operation.

In the event the products manufactured by AVANTI are found to be defective in workmanship or material, your AVANTI dealer will repair or replace free of charge such defective material if delivered to the AVANTI dealer from whom you purchased the product within the above stated one year period with proof of purchase and if found by the dealer's inspection to be truly defective in workmanship or material.

AVANTI'S liability and the purchaser's remedies hereunder are exclusively limited to the repair of such products if defective or the replacement thereof. If inspection of any such products by the dealer does not disclose any defect in workmanship or material, or if in the opinion of your dealer the damage was caused by conditions beyond AVANTI'S control, repair or replacement will be made at a reasonable charge.

AVANTI does not assume responsibility for loss or damage in transit to products returned for inspection, repair or replacement.

THE FOREGOING WARRANTIES ARE EXCLUSIVE, AND ARE IN LIEU OF ALL OTHER WARRANTIES (WHETHER WRITTEN, ORAL OR IMPLIED), INCLUDING BUT NOT LIMITED TO THE WARRANTY OF MERCHANTABILITY IN OTHER RESPECTS THAN EXPRESSLY SET FORTH ABOVE AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS HEREIN PROVIDED. EVERY FORM OF LIABILITY FOR DIRECT OR CONSEQUENTIAL DAMAGES OR LOSS IS EXPRESSLY EXCLUDED AND DENIED.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

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2. Refer to Fig. 9. Space the "H" brackets with their "U" bolts as far apart as possible on the section of the 88" (2.24 m) tube below the coaxial connector. Back up the "U" bolts with the two bar clamps.

LIMITED WARRANTY

The Antenna Specialists Co./Avanti a Division of Orion Industries, Inc. ("Antenna Specialists") warrants, on the terms and conditions herein set forth, all products manufactured by it to be free under normal use and service from defects in materials and workmanship for a period of ninety (90) days from the date of delivery to the first consumer (the "Warranty Period").

Antenna Specialists/Avanti obligation under this Warranty is limited to prompt repair or replacement of the product, at its option, without charge, at an authorized Antenna Specialists dealer or at the factory of Antenna Specialists in Cleveland, Ohio, when the product is returned to an authorized dealer or to the factory with all transportation charges prepaid and examination of the product shall disclose it to have been defective in the respects aforesaid during the Warranty Period.

The Warranty Period shall not be extended beyond its original term with respect to any part or parts repaired or replaced by Antenna Specialists/Avanti hereunder.

This Warranty Period shall not apply to any product which has been repaired or altered in any manner by anyone other than Antenna Specialists/Avanti or an authorized outlet of Antenna Specialists/Avanti, or if the defect, malfunction or failure of the product to conform to this Warranty was caused by damage (not resulting from defect or malfunction) while in the possession of the consumer, or from unreasonable use, or from improper installation or application or to any product which has not been maintained or used in accordance with the operating specifications set forth in Antenna Specialists/Avanti written instructions.

IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE NINETY DAY WARRANTY PERIOD SPECIFIED ABOVE.

UNDER NO CIRCUMSTANCES SHALL ANTENNA SPECIALISTS/AVANTI BE LIABLE FOR ANY CONSEQUENTIAL DAMAGES FOR BREACH OF THIS WARRANTY OR OF ANY IMPLIED WARRANTY.

Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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