Wire Antenna Insulators

DXE-UWA-END-KIT

Dipole Wires and End Insulators

DX Engineering Wire Antenna End Insulators are patented (US Patent No. D534,905) insulators featuring a unique serpentine wire grip for DX Engineering’s insulated antenna wire or other wire used for making dipole antennas. The End Insulators also are used with DX Engineering’s high strength, high power 300 ohm ladder line used for a folded dipole. The serpentine wire grip and loop is strong enough to support the antenna wires with no soldering of the wire required. This allows for fast and easy field adjustments of antenna length. The DXE-UWA-END-KIT includes eight of these unique insulators.

The End Insulators are installed at the far ends of the dipole wires. One on each end. Route the dipole wire in a serpentine manner as shown. Note the wire enters the End Insulator at the cupped area.

Once tuning is completed at low power, and the dipole leg wires are trimmed to length you can add an extra tuck in the wire end as shown below to provide even more gripping power on the dipole wires. Wrapping or soldering of the wires is not required.
Attaching Rope to the End Insulators

Using DX Engineering Double-braided Polyester Rope SYN-DBR, the rope is secured to the End Insulators using a non-slip knot. The rope hole (diameter) on the end insulators are 0.34”.

One suggestion for attaching the rope to the End Insulators is shown below. The ends of the rope should be cauterized with a small flame to prevent the rope braid from fraying.

Technical Support
If you have questions about DX Engineering products, or if you experience difficulties during the installation, contact DX Engineering at (330) 572-3200. You can also e-mail us at:

DXEngineering@DXEngineering.com

Warranty
All products manufactured by DX Engineering are warranted to be free from defects in material and workmanship for a period of one (1) year from date of shipment. DX Engineering’s sole obligation under these warranties shall be to issue credit, repair or replace any item or part thereof which is proved to be other than as warranted; no allowance shall be made for any labor charges of Buyer for replacement of parts, adjustment or repairs, or any other work, unless such charges are authorized in advance by DX Engineering. If DX Engineering’s products are claimed to be defective in material or workmanship, DX Engineering shall, upon prompt notice thereof, issue shipping instructions for return to DX Engineering (transportation-charges prepaid by Buyer). Every such claim for breach of these warranties shall be deemed to be waived by Buyer unless made in writing. The above warranties shall not extend to any products or parts thereof which have been subjected to any misuse or neglect, damaged by accident, rendered defective by reason of improper installation, damaged from severe weather including floods, or abnormal environmental conditions such as prolonged exposure to corrosives or power surges, or by the performance of repairs or alterations outside of our plant, and shall not apply to any goods or parts thereof furnished by Buyer or acquired from others at Buyer’s specifications. In addition, DX Engineering’s warranties do not extend to other equipment and parts manufactured by others except to the extent of the original manufacturer’s warranty to DX Engineering. The obligations under the foregoing warranties are limited to the precise terms thereof. These warranties provide exclusive remedies, expressly in lieu of all other remedies including claims for special or consequential damages. SELLER NEITHER MAKES NOR ASSUMES ANY OTHER WARRANTY WHATSOEVER, WHETHER EXPRESS, STATUTORY, OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, AND NO PERSON IS AUTHORIZED TO ASSUME FOR DX ENGINEERING ANY OBLIGATION OR LIABILITY NOT STRICTLY IN ACCORDANCE WITH THE FOREGOING.

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