



ARRAY SOLUTIONS
Tower Insulator
&
Rain & Salt Spray Cover

Congratulations

You have selected one of the finest phased tower insulating systems made. We have under-rated the power capability of this system to assure the user high reliability under heavy use such as encountered in the AM broadcast industry. Please contact us if you have any questions about the product and please send a picture and description of your station showing the control system installed and in use.

The insulators are made to fit sections of Rohn 25G, 45G, and 55G towers.

The Array Solutions Tower Insulator has three major components:

1. The high voltage Delrin Insulator
2. The rain and salt spray cover
3. Galvanized Upper and Lower tower mounting stubs

Included with each insulator is a hardware kit (for your convenience) containing the appropriate galvanized hardware for the lower and upper tower sections.

Installation

The insulators come pre-assembled with stubs fitting the type of tower that were indicated in your order. If the optional rain cover was ordered, it will also be installed on the insulator assembly.

No cutting, drilling or welding is required!

One insulator is inserted per leg on the desired tower section. The insulator and rain cover will only fit one way (small stub pointing up).

That's all there is to it! Use the galvanized hardware supplied to secure the insulators to each leg. Tighten the section bolts per the tower manufacturer's specification.

Safety First!

Array Solutions strongly encourages the user to follow any/all tower installation procedures described by the tower manufacturer.

Under NO circumstances should anyone attempt to climb the first section of tower installed above the insulators without having securely attached temporary guying first!

Failure to do this may lead to personal injury or even death. Don't take chances. Guy the first section securely before continuing to stack the tower above the insulators.

Do not use the rain cover as a step. The rain cover is not designed nor intended for this purpose.

Maintenance Suggestions

The Array Solutions Tower insulator kit is designed to provide years of trouble free service.

We suggest periodic inspections and to remove any insect nests that may appear under the rain cover. A wooden tool such as a paint stirring stick will serve this purpose and won't damage the insulator or rain cover. The 4 stainless steel Phillips head screws may be removed from the top of the rain cover to allow the rain cover to be slid up a few inches to assist in clean out any stubborn insect nests. The rain cover can not be removed once the tower is stacked above the insulator.

Specifications

Construction	Corrosion and UV resistant Delren, and hot dipped galvanized steel. All hardware is stainless or Galvanized
Power	50 KW + to 10.000 feet above sea level
Tower Compatibility	ROHN 25G, 45G, 55G - others upon request
Weight and size	6 lbs with cover attached – approx 2 feet in length

Thank you for purchasing this high quality system.



Please visit our website at www.arrayolutions.com