

## Parts List For AG7YY's Lightning / Static Discharge Box

2 x 2700V Gas Discharge Tubes  
2 x 1.1 Meg 2W 2% Carbon Film Resistor  
2 x 0.01uF 3KV Capacitor (I used 4: 2 each in parallel)

4" x 4" plastic electrical box

Use # 12-24 brass hardware:

- 5 x 2" bolts
- 20 x nuts
- 10 x washers
- 15 x lock washers (not brass)
- 5 x 12-10 AWG 1/4" Ring Terminals (with insulating collar removed)

Use brass hardware for better RF conductivity. As advised by Russ, NM3DX.

Remember to not space the connectors too far apart, the same spacing as the balanced line you will use if proper. (KA4DXP)

Schematic courtesy of Avery, KA4DXP.

Fiberglass Entrance Panel Box from KF7P Metalwerks: [www.kf7p.com](http://www.kf7p.com)

For comparison and Mouser part suggestions: M0LMK article on his Ladder Line Surge Suppressor:  
<https://www.m0lmk.co.uk/2018/04/30/ladder-line-surge-suppressor/>