

Attach Ferrites for Christie ACT Outputs

Instruction Sheet

INTRODUCTION

This document informs customers and Christie accredited field service personnel how to properly and successfully apply ferrite clamps to the harnesses which connect when using the DC power supply outputs to reduce the Electromagnetic emissions from the 12V and 5V supplies. Each output must have a separate ferrite installed. There are four ferrites available with new purchases of Christie ACT which could be connected to each of the four outputs on the Christie ACT: 2 – 5V outputs and 2 – 12 V outputs, if used.

STEPS TO CONNECT THE FERRITE

1. Take the wires that are coming from the customer's equipment and twist them together. This helps to reduce Electromagnetic emissions.
2. Open the ferrite clamp and position it under the leads at a distance where the wrapped ferrites will lie close to the Christie ACT outputs. See **Figure 2**.
3. Wrap the twisted wire three times around the ferrite. This will result in the wire going through the core of the ferrite four times. See **Figure 1**.

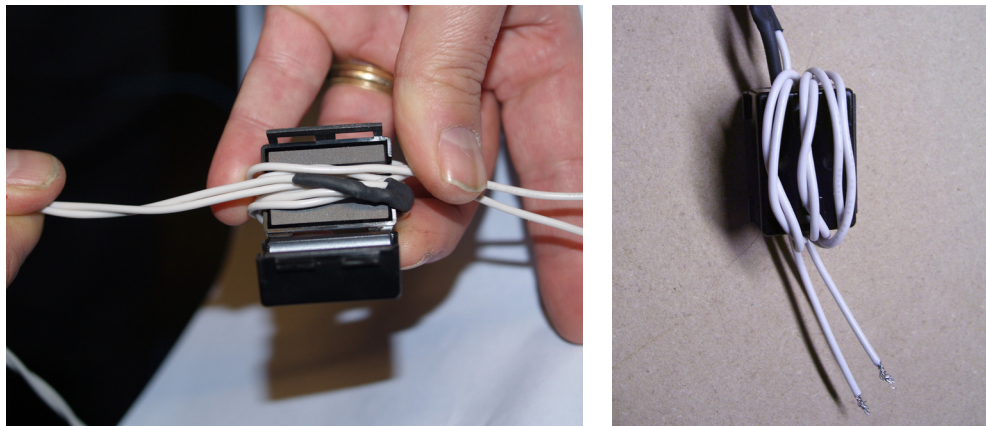


Figure 1 Wrap Twisted Wires Around the Ferrite Three Times

4. Close the ferrite clamp until you hear it click shut.

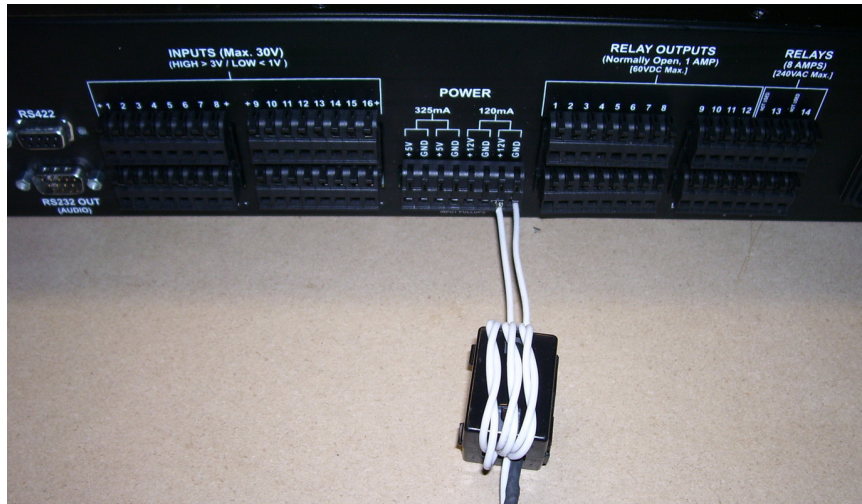


Figure 2 Attach Leads to Christie ACT

5. Connect the leads to the Christie ACT unit as shown in **Figure 2**. Each output must have a separate ferrite installed. **NOTE:** *This only applies when using the DC Power outputs. All other connections do not require the use of ferrites.*