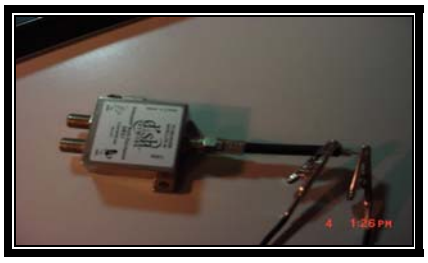
Testing DiESqC Switch's & Multi-switch's

It has been the discussion of multiple post all over the Net, where a DiESqC can be tested, even today this question has not been answered correctly, to put this issue at rest a simply [0hms] test can be performed.

Hardware needed:

a) 0hms meter
b) [2] Pc. RG6 cable 4-6 inches long
c) 1 set jumpers w/alligator clips on each end.

Preparation cut two small pieces of rg6 cable around 4-6 inch's, trim back both ends with your wire strippers to about 1"inch. Roll the exposed strands of wire together into a string making each about ¾" long. I trim the cooper center wire and with my needle nose piles turn the ends up 90 degrees.



Next, I am assuming you already have the alligator clips made, connect one end to the ground cable, and the other to the cooper clad wire inside as shown on the above photo.

Next, connect the 2nd piece of RG6 cable onto [1] of the ports you are testing. I used a pair of hemostats to clamp down the [black] or grounding wirer onto the coax cable itself making my [right-hand] free to test the meter, and adjust the settings. Each port will have to be tested in this

manner to check to see if the circuit is [commonly] open. All Video Path switches should be commonly open in this state without a current voltage field to nasalize the circuit. The small DC circuit of 1.5 volts will show whether the switch is [open] or [closed]. If the test does not show any movement on the meter, the switch is bad. If [open] the switch will pass the voltage thru to the meter, and you will achieve a reading on the meter.

With a positive meter reading you can test each switch to check if the switch is good or bad before installation or after a problem has occurred.

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