



NOTE: Switch shown in "SHORT TEST" Position.

R1, R2	680R, 0.25W
D1, D2	LED, green
D3	LED, Red
SW1	DPDT
CONN1, CONN2	To suite

**CONSTRUCTION NOTES:**

Item MUST be built in plastic box,

Other connectors can be placed in parallel with CONN1 and CONN2 to give more universal DC testing of cables.

LEDs can be mounted in holders to ease build.

Designed to work from PP3 battery or other 9V source. Resistors R1 and R2 can be re-calculated for other supply voltages.

Additional switch can be placed in +9V line to provide an ON/OFF function.

**METHOD OF OPERATION:**

Plug cable to be tested between CONN1 and CONN2.

With switch in position shown it is in "SHORT TEST". If there is a short the red LED D3 will be illuminated showing a cable fault.

Switch to other position. This is "CONTINUITY TEST". If centre core is intact then D2 will illuminate green, if screening is intact then D1 will illuminate green at the same time. If only one LED illuminates then there is a cable fault denoted by which LED is not illuminated.

Coax Cable Tester  
Clive GM4FZH  
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