CABLE TESTER

healthy cable is indicated by both A green LEDs being lit and the red one extinguished. To give this indication, the voltages along the chain of LEDs must descend so that Va > Vb, Vb > Vc, and Vc > Vd. These voltages can only be maintained by currents flowing along each conductor as shown. Any single open or short circuit on the cable extinguishes one or both of the green LEDs. Multiple faults can result in the red LED paralleling the green ones and taking current from them. J. A. Percival,

Clowne, Derbyshire.

