



CI75

CABLE ID SYSTEM

MAIN FEATURES

- **Ease of use**
- **Lightweight**
- **Robust Design**
- **Long Battery Life**
- **Compact**
- **Superior Sound**
- **Active Filters**



DESCRIPTION

The CI75 uses a crystal generated and controlled sine wave as a reference for both the transmitter and receiver at a frequency of 625hz. The signal is injected into the cable by directly connecting it to two of the cores of the cable to be identified. The far end of the cable should be disconnected and the same two cores short circuited. The unit will also function when the far end of the cable is put into earth using the switchgear. The signal is then picked up by the receiver antenna and its signal strength displayed through the analogue meter on the panel. The application of the instrument is very simple and very low levels of skills are needed for successful positive cable identification.



SPECIFICATIONS

Transmitter

Output Power : 5W Continuous/Pulsed
Power Supply : 6 X 1.5V C Cells (Alkaline)
Weight : 1Kg
Battery Indication : Red/Green LED
Battery Life : Approximately 40Hrs
Operating Freq : 625Hz
Range : 20km
Signal : Pulsed/continuous sine wave
Output Protection : Matching transformer isolated
Operating Temp : 0C to +50C

Receiver

Gain : 120dB Max
Filter : Switched Capacitor Type
Power Supply : 1 X 9V PP3 (Alkaline)
Weight : 500g
Battery Indication : Red/Green LED
Battery Life : Approximately 40Hrs
Antenna : High Gain Tuned System
Audion Indication : Loudspeaker
Visual Indication : Analogue Panel Meter
Operating Freq : 625Hz
Operating Temp : 0C to +50C



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