



C200

CABLE ID SYSTEM

MAIN FEATURES

- **Ease of use**
- **Lightweight**
- **Robust Design**
- **Long Battery Life**
- **Compact**
- **Rogowski Coil Signal Pickup**
- **Direct Cable Connection**
- **200Joule Output Pulse**



DESCRIPTION

The C200TX generates a 48VDC pulse that gets sent down a single healthy cable core. When the signal arrives at the far cable end it gets conducted back to the transmitter through the cable sheath. The same signal gets split up and flows back to the transmitter through the ground network and many other paths present in the connection set-up. The return signal, being of opposite polarity to the main transmitted signal will result in an attenuated positive signal being detected by the RX Current Transformer and displayed on the bargraph display as positive and the correct cable is indicated in green. All the other cables will show a negative signal and indicated as incorrect and displayed in red.



SPECIFICATIONS

Transmitter

Output Power
200J 48V Pulse

Power Supply
12V rechargeable battery

Weight
1Kg

Battery Level Indication
Meter

Battery Life
Approximately 10Hrs

Output Protection
Matching transformer isolated (Fused)

Operating Temp
0C to +50C

Receiver

Gain
20dB Max

Power Supply
1 X 9V PP3 (Alkaline)

Weight
500g

Battery Level Indication
Red/Green LED

Battery Life
Approximately 10Hrs

Antenna
High Gain Rogowski Coil

Visual Indication
Red/Green LED Bargraph



Southern Africa Fault Location (Pty) Ltd
5 Union Street
Roxton
Alberton North
Gauteng
1449
South Africa
Tel: +27119076473
Email: sales@adret.co.za



Management
System
ISO 9001:2015



www.tuv.com
ID 9105029481