

## **EXHIBIT B – Portable Cable Fault Location System Specifications**

This specification covers the design of the portable cable fault location system for medium voltage distribution power cables.

### **DESIGN REQUIREMENTS**

- High pot Testing Output
  - 0 – 12 kV
  - 12 mA DC
  - Display of insulation resistance
  
- Internal TDR
  - Phased to Phase, Phase to Neutral on-screen comparison of up to 256 pairs
  - Range up to 170,000ft / 52km.
  - Sampling Rate 100 MHz
  - Resolution 2.5 ft @ 250 ft/fs 0.8 m @ 80 m/ $\mu$ s
  
- Surge Energy
  - 0 - 12 kV @ 500 Joules
  - Impulse Sequence 5 - 10 seconds
  
- 7 in. (17.78 cm) Display 1280 x 800 pixel
  
- Internal Battery
  - 24 V NiMH Battery 5 AH
  
- Sectionalizing capability
  
- Permanently attached wheel kit with telescopic handle and air tires
  
- 15 Ft (4.5m) standard cable)
  
- 14mm male MC with hotline clamps (NAFTA)