

# FL-111B SPECIFICATIONS

## Fault Definitions:

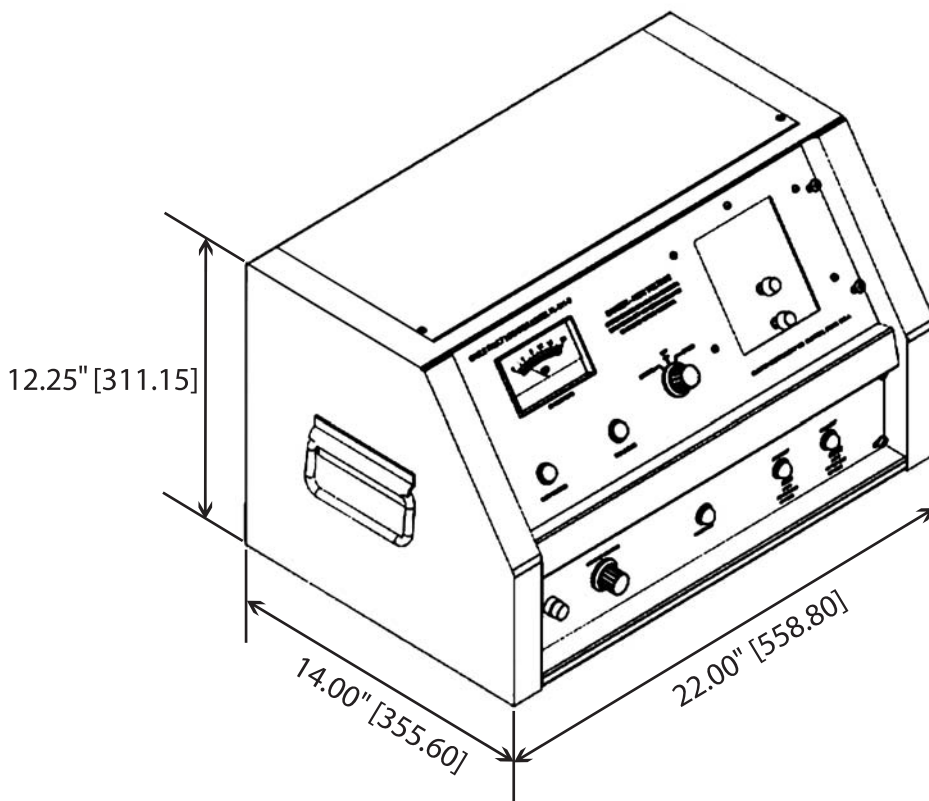
- Open..... A condition where a single conductor has no continuity from one end to the other.
- Metallic Short..... Two conductors without insulation or a conductor and a shield which physically come into contact with one another.
- High Voltage Short ..... Two conductors or a conductor and a shield which have no insulation between them but do not contact one another. This condition is detected with a high voltage arc that occurs at a rate of about 1 per second.

## Equipment Accuracy\*:

- Opens and Metallic Shorts..... 0.1% of total cable length.
- High Voltage Shorts..... Better than 1% of total cable length.

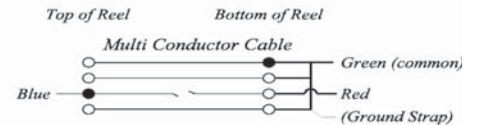
\*dependent on accuracy of actual cable footage and product uniformity.

- Voltage Test Range ..... 0-20KV D.C.
- Voltage Display ..... 0-20KV analog meter with mirrored scale, accuracy +/- 3% of full scale.
- Output Current..... 5 ma. maximum.
- Detector Sensitivity ..... Better than 1 microvolt.
- Cable Loop Resistance (Metallic Short) ..... 50 milliohms minimum.
- Dimensions:  
FL-111B..... 22.0"W x 14.0"D x 12.3"H (558 mm W x 356 mm D x 311 mm H).
- Test Leads..... 10' standard, 20 ft. available.
- Weight ..... 40.5 lbs. (18.4 kg.).
- Power Requirements ..... 120VAC 2 amps 50/60 Hz. or 240VAC 1 amp 50/60 Hz.

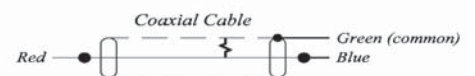
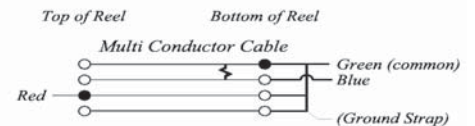


## Typical Lead Connections

### Opens



### Shorts



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