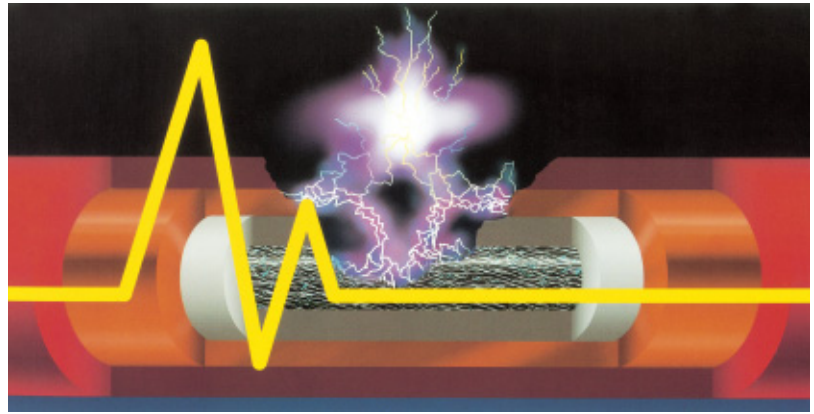


VLF 40
VLF 60



VLF Test Set

Performs AC Hipot Testing
Replaces DC Hipot Testing



New!
Tests 15, 25 or 35 kV Class Cables
Patented VLF Technology
Leakage Current Measurement
Computer Controlled Operation
Optional Data Recording
Modular Design

HDW  **ELECTRONICS, INC.**
CABLE TEST AND CABLE FAULT LOCATING TECHNOLOGY

sebaKMT
Group Company

Technical Specification VLF 40 / VLF 40P, VLF 60 / VLF 60P

VLF testing is the **proven replacement** for the traditional DC Hipot Acceptance or 'Proof' test. With more than 700 Very Low Frequency (VLF) units sold, and over 16 years of field use, HDW offers the only VLF units approved under both American and European Recommendations for VLF Testing (IEEE 400.2, VDE 0296). **Our VLF technology is the only one on the market that replicates the stress of 'Operational AC' voltage.**

VLF Output voltage:

0-40 kV_{eff}(RMS) [VLF 40]

(2.7 per unit for 25 kV cable)

(1.9 per unit for 35 kV cable)

0-60 kV_{eff}(RMS) [VLF 60]

(3.0 per unit for 25 or 35 kV cable)

Testable cable capacity:

4.4µF max./40 kV_{eff}(P Model)

2.2µF max./40 kV_{eff}

1.5µF max./60 kV_{eff}(P Model)

0.8 µF max./60 kV_{eff}

Frequency:

0,1 Hz

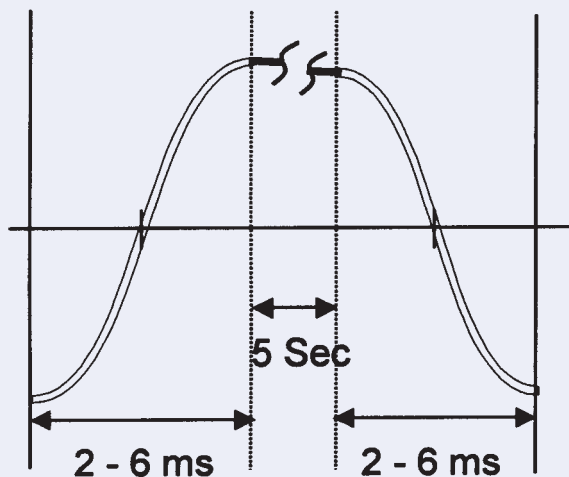
Voltage shape:

Cosine Rectangular Wave (Patented)

Change over slope:

approx. 5 ms,

Replicates Operational 60 Hz AC



DC Output Voltage:

0-60 kV [VLF 40]

0-80 kV [VLF 60]

Discharge Unit:

safely grounds cable under test integrated, 4.4 µF in 5 s [VLF 40]
integrated, 1.5 µF in 2 s [VLF 60]

Power Supply:

120 V, 60 Hz, approx. 5 A

230 V, 50 Hz, approx. 2.5 A

Operating Temperature:

-20 °C to +40 °C

(-4 °F to +104 °F)

Dimensions:

(W x H x D) – 22 x 40 x 17 in.

Weights:

110 lb., upper module [VLF 40]

120 lb., upper module [VLF 60]

105 lb., lower module [VLF 40]

105 lb., lower module [VLF 60]

Options:

Data Logging – programmable test cycle

Leakage current measurement
(0-7 mA, VLF 40) (0-5 mA, VLF 60)

Automatic Breakdown recognition

Built-in Printer

HDW Electronics Inc., 5897 Colony Drive,
Bethlehem PA 18017

Tel: (610) 837-9803 • Fax: (610) 837-9807

Internet: www.hdwelectronics.com

E-mail: sales@hdwelectronics.com

Subject to changes without notice

Your Local Representative is: