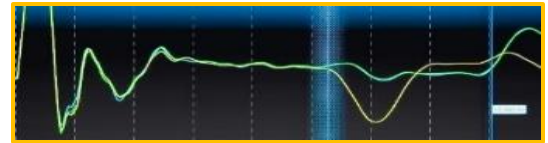




Application: Cable Fault Locating/VLF Testing: 1 Skid Mount

Application Description

Cable Faults Occur - Find, Fix, and Test. What is needed and is it readily available to use? To cable fault locate and to test new or repaired cables requires two or more separate and different devices: a **Thumper**, or capacitor discharge surge generator to locate the fault, and a **VLF AC Hipot** for testing the integrity of the repair work and the adjacent cables after. Also needed are the accessory devices that make the job easier and more efficient, like the TDR/radar, fault pinpointing device, cable reels, concentric neutral resistance tester, etc. Where are all these items when you need them? Do you have dedicated "Trouble Trucks" for fault locating but different trucks or vans for cable testing work, and often operated by different crews? Maybe you are a service company and only use this equipment occasionally. You still need all the tools to get the job done, fast and properly.



Possible Solutions

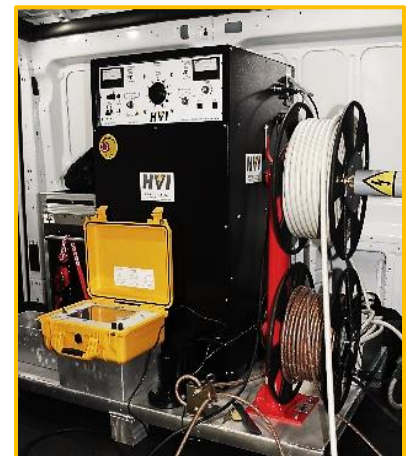
Maybe you're lucky enough to have it all and readily available to use. If not, how do you avoid the time lost gathering equipment, the work not performed properly, and/or typical tests on repairs not performed for lack of equipment. Many have separate crews and equipped vans for fault locating versus cable testing. They are two different activities requiring different skill sets and equipment, but, cable testing technology, like VLF Withstand and PD and TD testing cables, especially after thumping for hours at an extreme overvoltage, can be done in its basic forms relatively easy and economically. Try to find products that combine the functions of several and designed for field use. There are Thumper/VLF combination products on the market for URD work. The ideal would be to have all the tools needed in one place, perhaps all mounted on one common platform. Grab it, fork it into your van or pickup, and go.

HVI Product Solutions

SKD Series from HVI . We will custom engineer to your wish list a package of products for fault locating, VLF cable testing, all the accessories needed for both, two 100' (30m) cable HV & ground cable reels, concentric neutral tester if needed, DC hipots, and whatever else required. All of the above on one aluminum skid or palletted design for easy lift in and out of your van or for permanent mount.

Your package can include:

- Thumper/Surge Generator, up to 36 kV @ 3200 J
- TDR/Radar for pre-location
- Acoustical & Magnetic Fault Pinpointer
- VLF 0.1 Hz. AC Hipot, up to 90 kVac
- VLF TD & PD measurement accessories
- E-Link Testing and Data Reporting Software
- **Ω-Check**® Concentric Neutral Resistance Tester
- DC or AC Hipots, Oil Dielectric Testers
- 100' (30m) HV and Ground cable reels



Ω-Check®



VLF-65E



SDAD

TDR-1669CI

X35



VT33 VLF/Thumper

