

THE NETWORK FAULT FINDER FROM HIGH VOLTAGE, INC.

Fault locating on network systems containing oil insulated cables, multiple circuit paths, and noisy urban environments, requires the right tools. The most important tool is to have a thumper with high energy. The 3200 joules of the CDS-3632U is a real noise maker and creates a powerful magnetic surge to make above ground detection devices more effective. Don't handicap your fault finding effectiveness by using a little suitcase thumper or a 1000 joule thumper intended for direct buried URD on your network. With the right tools, you can stop opening man holes looking for a fault.



Constant Voltage – High Energy – High Current - TDR

0 – 9/18/36 kVdc

3200 Joules at Each Output Voltage (1600J model avail.)

280 mA Burn Current

Variable Discharge Rate

Radar Ready: Arc Reflection & Current Pulse

Filter Included. Use any TDR.

With three full energy output taps, a cable can be thumped at the lowest possible voltage while delivering the highest possible energy – find you fault without making new ones. The CDS-3632U has a fully variable hipot with 280 mA of burn current behind it. Condition your faults to permit lower voltage thumping. Low voltage – high joules. Believe it or not, there are thumpers on the market with no hipot/burn feature.

Don't severely handicap your fault finding efforts by not using a top level listening or magnetic detection device. Once you have a thumper that makes a lot of noise and provides a powerful current surge on the system, you need the tools to take advantage of it. Two listening devices are recommended, depending on the design of your system, the SDAD from Aquatronics, Inc. and the X35 from TEC Power Corp. The SDAD is a combination acoustical and electro-magnetic detection device, good for network and URD systems. The X35 is designed specifically for network systems.

Contrary to what many think, a TDR/radar can be helpful in complicated network systems. Wouldn't you like to know if you fault is 200' or 2000' away? Comparing the radar trace to your maps can help you hone in rapidly on the approximate fault location.

Effective fault locating requires all the tools needed to be used together as a system. Don't spend \$20k on a thumper and not another \$4k for a quality listening device to take advantage of what the thumper provides. Don't thump for 6 hours when you can cut it down to 30 minutes with proper radar use. You need all the tools to be the most effective you can be. Thumper – TDR – Detection device.

HVI knows fault locating and produces the top hardware for the job.