

# I-Stop

## Reverse Test Probe

- Taps Unused KS Ports for Bi-Directional Measurements
- Enables Tracking of Reverse Ingress to the Nearest Tap
- Protects Instruments From Line Power Damage



## Overview

The I-Stop™ reverse test probe is a test accessory designed for use with most signal level meters, including Trilithic’s 9580 SSR™ and Trilithic’s 860 DSP™. Screw the probe into a distribution tap’s unused KS port and a spring-loaded “stinger” connects a 20 dB resistive test point circuit to the seizure screw. The connection is bi-directional, so that a signal level meter or analyzer connected to the probe can measure forward and reverse signals, as well as reverse ingress. A built-in AC/DC blocking circuit protects the signal level meter or analyzer from damage from online power up to 90 Volts.

### TRACK DOWN INGRESS FAST

The I-Stop probe also contains a patented circuit that is used with the Trilithic return path maintenance system to track reverse ingress sources down to the nearest tap. Using the I-Stop probe, the Trilithic reverse path maintenance system and this simple test, you can locate all ingress sources down to the tap without removing reverse pads or diplexers and without disrupting forward or reverse service.

Simply screw the probe into a KS port on the distribution tap, connect the 9580 SSR field unit or 860 DSP to the test port and press the button on the side of the probe. If the ingress displayed decreases by 4 to 6 dB when the button is pressed, the source of the ingress is farther from the node than you are. Ingress that does not decrease is entering the system nearer to the node than you are. The I-Stop probe has little or no visible effect on forward path signals.

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