

# I-Stop

## Reverse Test Probe

- Taps Unused KS Ports For Bidirectional Measurements
- Compatible With SLMs, Reverse and Forward Path Analyzers
- Enables Tracking Reverse Ingress to the Nearest Tap
- Protects Instruments From Damage Caused by Excessive Line Power



### Introducing the I-Stop™

#### Reverse Test Probe

The I-Stop reverse test probe is a test accessory designed for use with:

- Most signal level meters
- Trilithic's 8821Q-R™
- 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 bidirectional, so that an SLM 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 SLM 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 Trilithic's Guardian System II™ return path maintenance system to track reverse ingress sources down to the nearest tap. Using the I-Stop probe, the Guardian System II, 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, then 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 doesn't 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.

### SPECIFICATIONS

<b>Insertion Loss</b>	<1 dB, 5 to 50 MHz <3.5 dB, 50 to 750 MHz <1.5 dB, in any 150 MHz span
<b>Insertion Loss with Button Depressed</b>	≥5 dB, ≤ 8 dB, 5 to 30 MHz ≤1 dB insertion loss increase, 54 to 750 MHz