

SDI-100 RF Interference (RFI) Antenna

Accessory for the HST-3000 and T-BERD®/MTS-4000



Benefits

- Helps identify the source of RFI
- Improves mean time to restore service
- Reduces operational costs by identifying possible AC mains faults or other radiating device locations that cause RFI

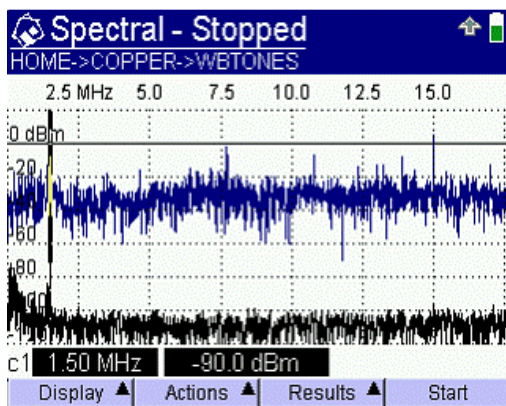
Applications

- **Find noise on xDSL Lines**
 - Connect with clip leads to the DSL line of interest
 - Store the trace for comparison later
 - Locate the greatest interferer
- **Locate the source of noise**

The JDSU SDI-100 RF Interference (RFI) Antenna is designed for service providers pre-qualifying and troubleshooting copper circuits that carry high-bandwidth services and helps locate electronic equipment which is causing interference on xDSL phone lines.

Field engineers and technicians can use the SDI-100 with the JDSU HST-3000 Handheld Services Tester or the JDSU T-BERD/MTS-4000 Multiple Services Test Platform to determine the frequency and level of the interfering signal both on the phone line and from the interfering radiating equipment.

The SDI-100 is able to measure both electric and magnetic fields and find the interfering equipment using directional and proximity detection. The high sensitivity combination of the SDI-100 will help resolve even the most difficult installation or chronic problem.



Zoom on saved trace compared to current trace as detected by the SDI-100

Specifications

Frequency Range	25kHz to 30 MHz
Sensitivity (H) Peak to Null ratio	-21dBm@1v/m 25 to 45dB
Impedance	100 ohms
E-Fields Electric H-Fields Magnetic	Isotropic Directional