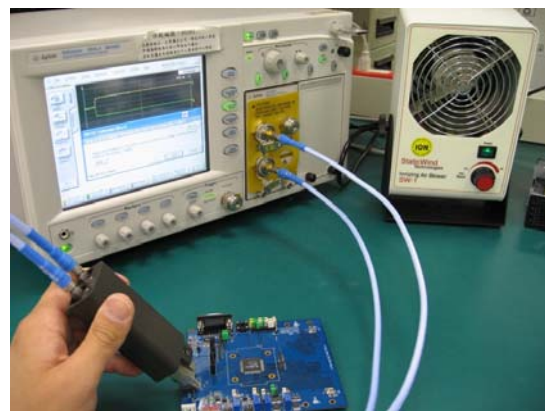




T1015A 12 GHz Passive Differential TDR Probe Kit

Handy probe is easier for probing purpose from package level to PC Board. With high performance and stability features, T1015A differential probe kit fulfills the testing needs for research and design.

- For high speed applications, more and more requests for differential measurements are needed
- No active components inside, it acts as transmission line or passive device
- When TDR instrument generates test signal, measurement of the reflection portion through probe kit to calculate the impedance.
- **Can be utilized with Vector Network Analyzers (VNA) for balance devices testing**



LAB105 T1015A 12 GHz differential TDR probe kit probing PCB and other devices (without connectors) directly to TDR/TDT module. Engineers can accurately characterize differential impedances in the time domain and frequency domain by TDR or Vector Network Analyzer. Calibration and de-skew can improve measurement accuracy.

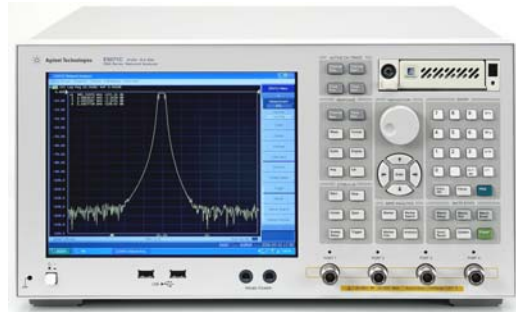
Key Characteristics/Features:

- Bandwidth 12 GHz
- 100 Ohm nominal differential impedance
- Variable tip spacing: 1.5mm-6mm
- Adjustable probe pitch by “L” Allen wrench
- Spring loaded probe tips

**Keysight's TDR/TDT solution 86100C
Infiniium DCA-J Oscilloscope platform**



**Keysight 20GHz 4-port ENA-TDR
solution**

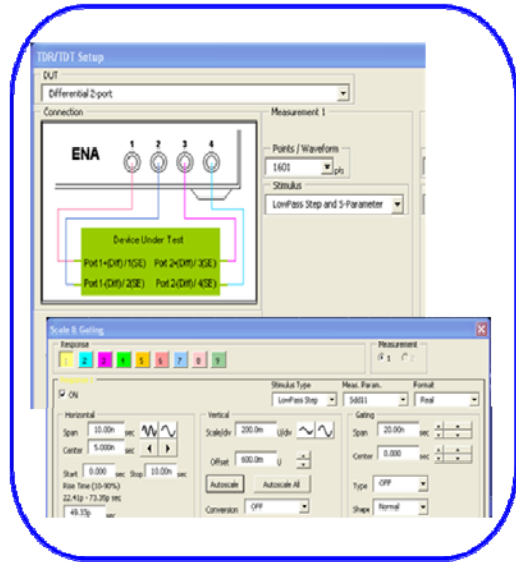


TDR calibration:

TDR calibration based on shorts and loads improves accuracy by de-embedding the cable losses between instrument and the DUT.

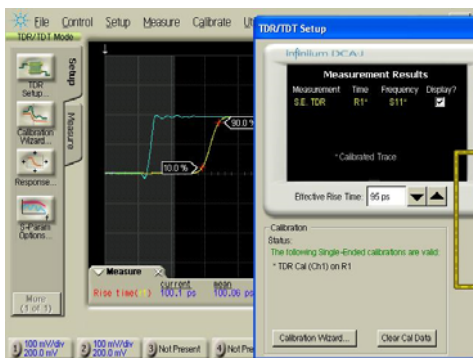


Keysight E5071C ENA-TDR Software



Variable rise time:

TDR calibration also allows users to mathematically decrease the effective rise time to less than 20 ps or increase it up to 1 ns in order to match the edge speeds of the target application.



Product specifications and descriptions in this document subject to change without notice.

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