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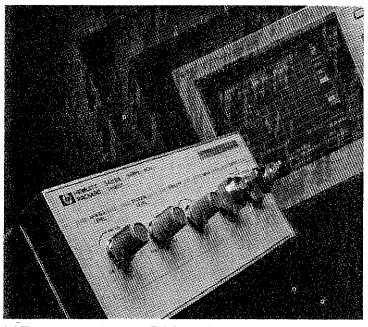
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Find the *Keysight / Agilent 83442A* at our website: ***Click HERE***

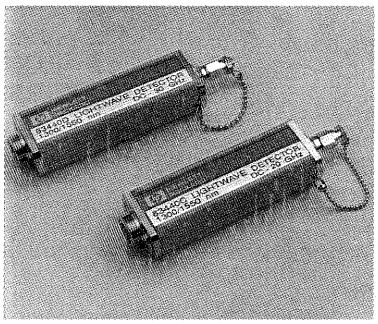
OSCILLOSCOPES

Accessories for the HP 54120 Series Digitizing Oscilloscopes

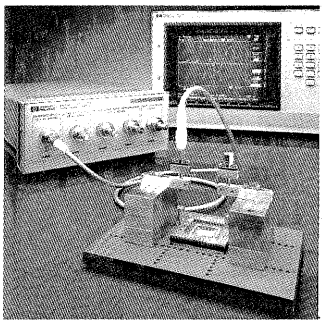
HP 54006A, 54007A, 54008A, 54118A



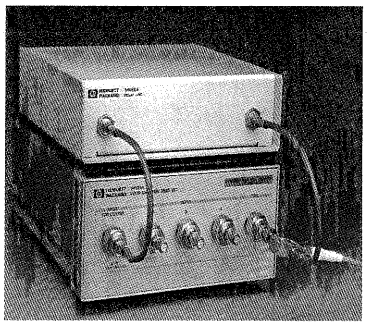
HP 54118A 18-GHz trigger



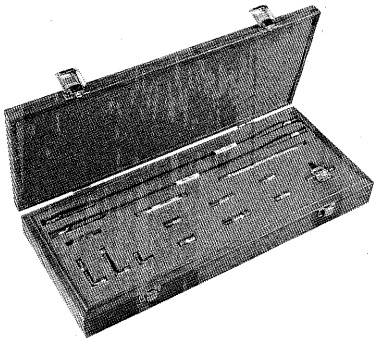
HP 83440C/D lightwave detector O/E converters with the HP 54124T scope



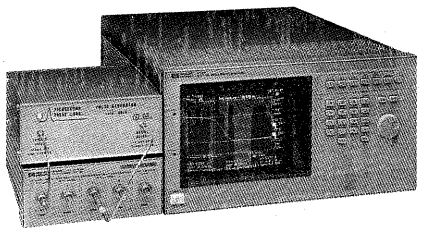
Inter-Continental Microwave TDR launching probes



HP 54008A 20-GHz delay line



HP 54007A RF accessory kit



PicoSecond Pulse Labs Model 4015B

Hewlett-Packard has a large number of accessories for use with wideband digital sampling oscilloscopes. These accessories will help you build a multi-gigahertz system tailored to your unique needs.

HP 54118A, 500-MHz to 18-GHz Trigger

Simple/Stable Triggering at Microwave Frequencies

For applications requiring more than 2.5-GHz trigger bandwidth, use the HP 54118A 18-GHz trigger. The HP 54118A gives your HP 54120 Series oscilloscope true event triggering from 500 MHz to 18 GHz, with less than 1.7 ps of rms jitter at 18 GHz. This powerful and versatile accessory extends the oscilloscope's measurement capabilities to applications in lightwave communications, pulsed RF, gigabit logic, pseudo-random bit-stream eye patterns, and other microwave signals.

HP 83441A/B/D SONET/SDH Reference Receivers
HP 83440C/D Nonamplified Lightwave Receivers
HP 83442A and HP 11982A Amplified Lightwave Receivers

Wide-Range Optical-to-Electrical Converters for Characterizing SONET/SDH Optical Waveforms

Optical pulse and eye diagram measurements are easy with a variety of HP lightwave receivers. Designed especially for use with high-speed single-shot and sampling oscilloscopes, the HP 83441 Series receivers provide the sensitivity and bandwidth necessary for pulse parameter measurements on SONET/SDH optical waveforms. The HP 83440 Series of nonamplified lightwave converters provides exceptional pulse response and up to 32-GHz bandwidth to measure pulse parameters on high-speed optical signals. The HP 83442A and HP 11982A amplified receivers make pulse parameter measurements on optical signals that require amplification. See pages 574 to 575 of this catalog for additional information.

Launching and Probing Solutions from Inter-Continental Microwave (ICM)

ICM offers both fixed- and variable-spacing 50-Ω TDR/TDT probe assemblies for launching a TDR pulse into transmission systems under test, such as in a PC board trace. These probes can be handheld or placed in a manipulator. The model A0112322 probe adjusts for spacings between 0.05 inch and 0.176 inch; the A0113734 probe adjusts between 0.14 inch and 1.0 inch. ICM also offers a universal test platform (UTP-3000) with accessories for component and package measurements. Contact Dr. Werner Scheurch at ICM, 1515 Wyatt Dr. Santa Clara, CA 95054-1524; (408) 727-1596.

HP 54008A 22-ns Delay Line

Viewing the Trigger Signal

The HP 54008A delay line provides 22 ns of delay with a usable frequency response of 20 GHz. By adding this accessory to your HP 54120 oscilloscope system, you will be able to view the trigger event. The HP 54008A has enough delay to view the trigger event with the HP 54118A trigger installed in the trigger path also.

HP 54007A Accessory Kit

Low-Loss Measurements for HP 54120 Oscilloscope Systems

The HP 54007A Accessory Kit provides an assortment of parts with 3.5-mm connectors for low-loss measurements. This kit is highly recommended for low-loss reflection and transmission measurements. It also includes semi-rigid coax, formed for use with the HP 11667B power splitter.

Contents of the HP 54007A Accessory Kit

- 17-in (43.18 cm) cable, APC 3.5 (f-f)
- Coaxial short, APC 3.5 (f)
- 50-Ω termination, APC 3.5 (m)
- 7.5-cm "airline," APC 3.5 (m-f)
- 6-cm semi-rigid "L," SMA (m-m)
- 6-dB attenuator, APC 3.5 (m-f)
- Adapter, APC 3.5 mm (m-m)
- 17-in (43.18 cm) cable, APC 3.5 (m-f)
- Coaxial short, APC 3.5 mm (m)
- 50-Ω termination, APC 3.5 (f)
- Power splitter, APC 3.5 mm (f)
- 3-cm semi-rigid "L," SMA (m-m)
- 40-dB attenuator, APC 3.5 (m-f)

Picosecond Pulse Labs 4015B

15-ps, 9 V External TDR or TDT Source

The PicoSecond Pulse Labs model 4015B pulse generator extends the TDR/TDT performance of the HP 54120 Series oscilloscopes. The pulse generator produces a 15-ps fall time with an amplitude of 9 V, which can be triggered by any HP 54120 Series TDR step generator. Contact Dr. Jim Andrews at PSPL, P.O. Box 44, Boulder, CO 80306; (303)443-1249.

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