

DP0010A/11A/12A/13A Differential Active Probes

DP0010A	250 MHz, ± 42 V
DP0011A	500 MHz, ± 42 V
DP0012A	1 GHz, ± 42 V
DP0013A	1.7 GHz, ± 42 V

Accessories Included with the Probe



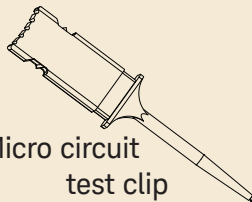
Adjustable browser
Qty: set of 2



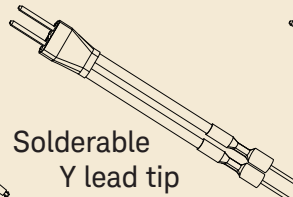
Straight tip
Qty: set of 10



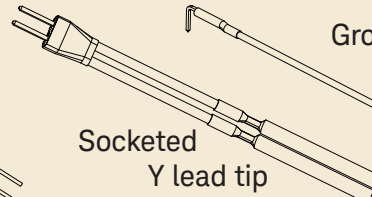
Tip saver
Qty: set of 2



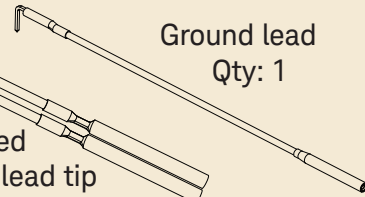
Micro circuit
test clip
Qty: set of 2



Solderable
Y lead tip
Qty: set of 2



Socketed
Y lead tip
Qty: set of 2



Ground lead
Qty: 1

Setting up the Probe



For more information: Download the probe's user's guide from
<http://www.keysight.com/find/DP0010A>

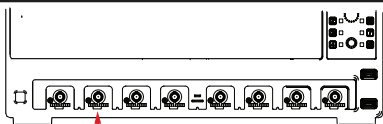


Probe inputs are safely rated to a maximum of ± 42 Vpk.
Do not exceed.



These probes are ESD sensitive devices, particularly at the probe tips. Follow standard ESD precautions when handling these.

1 Connect to a Compatible Oscilloscope

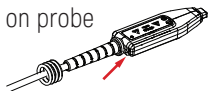


Compatible with most Keysight Infiniium/InfiniiVision oscilloscopes with 50 Ω AutoProbe I / II interface. See user's guide for a complete list of compatible oscilloscopes and adapter(s).

Grounding

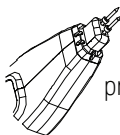
If the DUT is not grounded to the oscilloscope via the AC mains ground, use a ground wire to connect the DUT ground to one of the following:

- Ground connection on oscilloscope's front panel
- Ground connection on probe



2 Attach Standard Accessories to the Probe

Straight tips



Insert the pins into the probe tip.

Tip saver



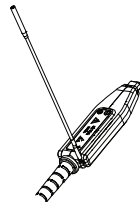
Use on the probe tip to avoid damaging the tip from repeated attach / detach when probing directly using the probe tip.

Adjustable browser

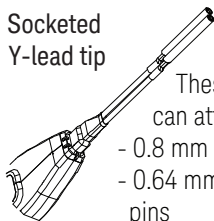


Adjustable tip to support different circuit geometries. Max. tip span: 8.6 mm

Ground lead

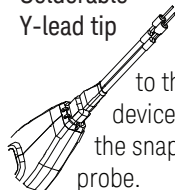


Socketed Y-lead tip



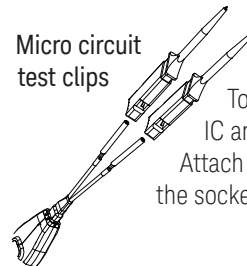
These sockets can attach to:
- 0.8 mm round pins
- 0.64 mm square pins

Solderable Y-lead tip



Solder the tip end to the circuit board / device and then connect the snap-on end to the probe.

Micro circuit test clips



To probe miniature IC and components. Attach these clips to the socketed Y-lead tip.

3 Connect to DUT

Additional Accessories (Not included with probe)

- Performance Verification Fixture (DP0020A)
- SMT Test Clips (DP0021A-007)
- Micrograbber Accessory Kit (DP0021A-008)
- Automotive Accessory Kit (DP0021A-009)

Accessories included with the probe can also be ordered individually as additional accessories.

Disconnection Sequence

1. Disconnect from device under test.
2. Disconnect from oscilloscope.

Replacement Accessory Kit

- Order DP0021A-001 Accessory Kit

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