



Using the Agilent N5449A High Impedance Adapter

The Agilent N5449A High Impedance Adapter can be used to connect probes that require a high impedance input to the 90000-X Series oscilloscope.



Connect one side of the adapter (**A**) to one of the input clutches on a 90000-X Series oscilloscope and connect the other side of the adapter (**B**) to the probe.



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The N5449A high impedance adapter ships with and is specifically tuned for the N2873A 500 MHz passive probe, but other similar 1 M Ω input passive probes can be used with it as well. The N5449A is also compatible with active probes that have the Autoprobe interface and outputs designed to drive 1 M Ω inputs (examples include the 1147A current probe or N2790A high voltage differential probe).

There are two buttons on the N5449A. One brings up the **Probe Setup** dialog box on the oscilloscope's display so you can quickly adjust probe settings. The second button enables you to switch between AC and DC coupling.

The N5449A has attenuation settings of 10:1 and 1:1. The 90000-X Series oscilloscope automatically sets the N5449A's attenuation to the optimum value based upon the volts per division scale.

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