

# HP-9250 250MHz Switch Selectable x1/x10/Ref Probe

## Specifications

### Position X10

Attenuation Ratio	10:1
Bandwidth	DC to 250MHz
Rise Time	1.4nS
Input Resistance	10M $\Omega$ when used with oscilloscopes which have 1M $\Omega$ input.
Input Capacitance	Approx. 17 pF
Compensation Range	10 to 35 pF
Working Voltage	600V CAT I. 300V CAT II (DC + peak AC) derating with frequency.

### Position REF

Probe tip rounded via 9M $\Omega$  resistor. oscilloscope input rounded.

### Position X1

Attenuation Ratio	1:1
Bandwidth	DC to 6MHz
Rise Time	58nS
Input Resistance	1M $\Omega$ (oscilloscope input resistance)
Input Capacitance	47 pF plus oscilloscope capacitance
Working Voltage	300V CAT I. 150V CAT II (DC + peak AC) derating with frequency.

Operating Temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C
Humidity	85% RH or less (at 35 $^{\circ}$ C)
Safety	Meets EN61010-031 CAT II
Cable Length	1.2 Meter

