

# Sonde P2220

## Pour oscilloscopes Tektronix TDS 1002

### Passive 1X/10X Voltage Probe

#### P2220

#### Characteristics

##### X10 Position

**Bandwidth** - DC: 200 MHz.

**Probe Length** - 1.5 m.

**Attenuation Ratio** - 10:1

**Compensation Range** - 15 to 25 pF.

**Input Capacitance** - 17.0 pF.

**Input Resistance** - 10 M $\Omega$

**Maximum Input Voltage** - 300 V CAT II.

**Maximum Voltage Between Reference Lead and Earth Ground** - 30 V<sub>RMS</sub>\*<sup>1</sup>

##### X1 Position

**Bandwidth** - DC: 6 MHz.

**Probe Length** - 1.5 m.

**Attenuation Ratio** - 1:1.

**Compensation Range** - All scopes with 1 M $\Omega$  input.

**Input Capacitance** - 110 pF.

**Input Resistance** - 1 M $\Omega$ .

**Maximum Input Voltage** - 150 V CAT II.

**Maximum Voltage Between Reference Lead and Earth Ground** - 30 V<sub>RMS</sub>\*<sup>1</sup>

\*<sup>1</sup> The float voltage must be subtracted from the tip to earth ground voltage. For example, if the reference lead is floated to 30 V<sub>RMS</sub>, the tip voltage to the reference lead is limited to 270 V<sub>RMS</sub>.

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#### Features & Benefits

- 1X/10X Attenuation
- 200 MHz Bandwidth
- 1.5 Meter Length
- UL3111-1, CSA1010.1, EN61010-1, EN61010-2-031, and IEC61010-2-031

#### Applications

- Relative Low Frequency Measurements
- Low Frequency Computer and Telecom Measurements
- Power Supplies
- Low Frequency Amplifiers

#### P2220 Passive Voltage Probe

The P2220 200-MHz passive voltage probe permits selection of 1X or 10X attenuation, using a switch located on the probe head.

This probe is compatible with TDS200, TDS1000, TDS2000, and TPS2000 Series oscilloscopes. The P2220 probe also provides floating measurement capability up to 30 V<sub>RMS</sub> with TPS2000 Series oscilloscopes only. (Note: Do not float with TDS2000, TDS1000 or TDS200 Series oscilloscopes.)