

Passive 10X Voltage Probe

TPP0100, TPP0101 Data Sheet



Features & Benefits

- 10X Attenuation
- 100 MHz Bandwidth
- 1.3 m Length
- UL61010-031;2007, CAN/CSA C22.2 No. 61010-031-07, IEC61010-031; IEC 61010-031/A1:2008

Applications

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

TPP0100, TPP0101 Passive Voltage Probes

The TPP0100 and TPP0101 probes are 100 MHz, 10X passive voltage probes with 10 M Ω input resistance. These probes are for use on BNC oscilloscopes with 1 M Ω /13 pF (TPP0100) and 1 M Ω /20 pF (TPP0101) inputs.

For a complete list of compatible oscilloscopes, refer to the Tektronix Oscilloscope Probe & Accessory Selector Tool at <http://www.tek.com/probes>.

Characteristics

| Characteristic | Description |
|-----------------------|-----------------|
| Bandwidth | DC to 100 MHz |
| Probe Length | 1.3 m |
| Compensation Range | |
| TPP0100 | 8 pF to 18 pF |
| TPP0101 | 15 pF to 25 pF |
| Input Capacitance | 12 pF (typical) |
| Input Resistance | 10 M Ω |
| Maximum Input Voltage | 300 V CAT II |

Ordering Information

Probe Packages

| Package | Description |
|--------------|---------------------------|
| TPP0101-PK10 | 10-pack of TPP0101 probes |
| TPP0101-PK50 | 50-pack of TPP0101 probes |

Accessories

TPP0100 and TPP0101 Include:

| Accessory | Description |
|-------------|------------------------|
| 013-0362-xx | Retractable hook tip |
| 016-2028-xx | Long ground spring |
| 196-3521-xx | 6 in. alligator ground |

Optional Accessories for the TPP0100 and TPP0101

| Accessory | Description |
|-------------|---|
| 016-2034-xx | Short ground spring |
| 196-3512-xx | 12 in. alligator ground |
| 196-3198-xx | 6 in. clip-on ground lead with 0.025 in. pin receptacle |
| 013-0363-xx | Micro hook tip |
| 206-0569-xx | MicroCKT test tip |
| 013-0366-xx | IC cap |
| 013-0367-xx | BNC to probe tip adapter, unterminated |
| 016-2016-xx | PCB to probe tip adapter, 10-pack |
| 131-4210-00 | Compact probe-tip chassis mount |



Product(s) are manufactured in ISO registered facilities.



Product(s) complies with IEEE Standard 488.1-1987, RS-232-C, and with Tektronix Standard Codes and Formats.

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For Further Information. Tektronix maintains a comprehensive, constantly expanding collection of application notes, technical briefs and other resources to help engineers working on the cutting edge of technology. Please visit www.tektronix.com



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