

# Passive 10X Voltage Probe

## TPP0100, TPP0101 Data Sheet



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### 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 MΩ input resistance. These probes are for use on BNC oscilloscopes with 1 MΩ/13 pF (TPP0100) and 1 MΩ/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 MΩ           |
| 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](http://www.tektronix.com)



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