

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



Tektronix is registered to ISO 9001 and ISO 14001 by SRI Quality System Registrar.



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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