

# CT2674A

## 100 MHz Passive Oscilloscope Probe

# Datasheet

Switchable 3-Position, 1x/10x/REF, 5 mm, cable length 12 m

### Description

General purpose series 100 MHz, 1x/10x switchable oscilloscope probe with additional REF switch position. The REF position grounds the input tip allowing for convenient trace leveling.

- 100 MHz (-3 dB) bandwidth
- High impedance input (10 megaohms/16 pF - 10x position)
- 1035 pF compensation range
- 300 V CAT II
- REF switch position

### Features & Benefits:

- Snap-Locking Sprung Hook
- Easily replaceable tip
- Large accessory set
- Meets IEC 61010-031
- RoHS compliant

Accessories included: 15 cm Ground Lead, Replacement Tip, Black Snap-on Sprung Hook, Tip Insulator, IC Tip, BNC Adapter, Probe Tip Ground, Trimmer Tool & Identifier Rings.

The HighPerformance family is a high quality, general purpose set of 5mm Passive Voltage Oscilloscope probes. They are excellent replacement probes for all makes and models of oscilloscopes.



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All specifications apply to the unit after a temperature stabilization time of 20 minutes over an ambient temperature range of 25°C ± 5°C.

## Specifications

|  |                          |
|--|--------------------------|
| <b>Type</b>                            | 5 mm Passive Voltage     |
| <b>Bandwidth</b>                       | 6/100 MHz                |
| <b>Attenuation</b>                     | 1x/10x/REF               |
| <b>Input Impedance</b>                 | 1/10 megaohms            |
| <b>Input Capacitance</b>               | 90/16 pF                 |
| <b>Output Impedance</b>                | 1 megaohms               |
| <b>Risetime</b>                        | 58/3.5 ns                |
| <b>IEC Rating</b>                      | 300 V CAT II             |
| <b>Compensation</b>                    | 1035 pF                  |
| <b>Length</b>                          | 1.2 m                    |
| <b>Readout Actuator</b>                |                          |
| <b>Operating Temperature (degrees)</b> | 0 to +50 C               |
| <b>Humidity</b>                        | 85% RH or less (at 35 C) |
| <b>RoHS (2011/65/EU)</b>               | Compliant                |

Specifications are subject to change without notice. To ensure the most current version of this manual, please download the current version from our website: [caltestelectronics.com](http://caltestelectronics.com)

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