

## Passive oscilloscope probe: 500 MHz 3.5 mm 10:1, BNC, single pack TA561

Pico Technology's P1053 probe is a high-performance oscilloscope probe with a 10:1 attenuation ratio and a 500 MHz bandwidth. This compact probe is ideal for both field service and development environments, offering excellent visibility on dense SMT circuits due to their slim 3.5 mm tip housing diameter.

Here's a closer look at their key features:

- Wide bandwidth 500 MHz for capturing high-frequency signals.
- High voltage rating 300 V CAT II for safe operation in various environments.
- Low input capacitance Only 9 pF minimizes loading on the signal source, particularly important for fast rise time signals.
- Reduced inductance Short ground leads minimize inductance and resonances for improved signal fidelity.
- Spring-loaded tips Ensures secure connection to test points.
- Variety of accessories includes various probing attachments for adaptability.

Overall, the P1053 probe from Pico Technology offers a compelling combination of performance, size, and versatility for oscilloscope users working on demanding applications.

