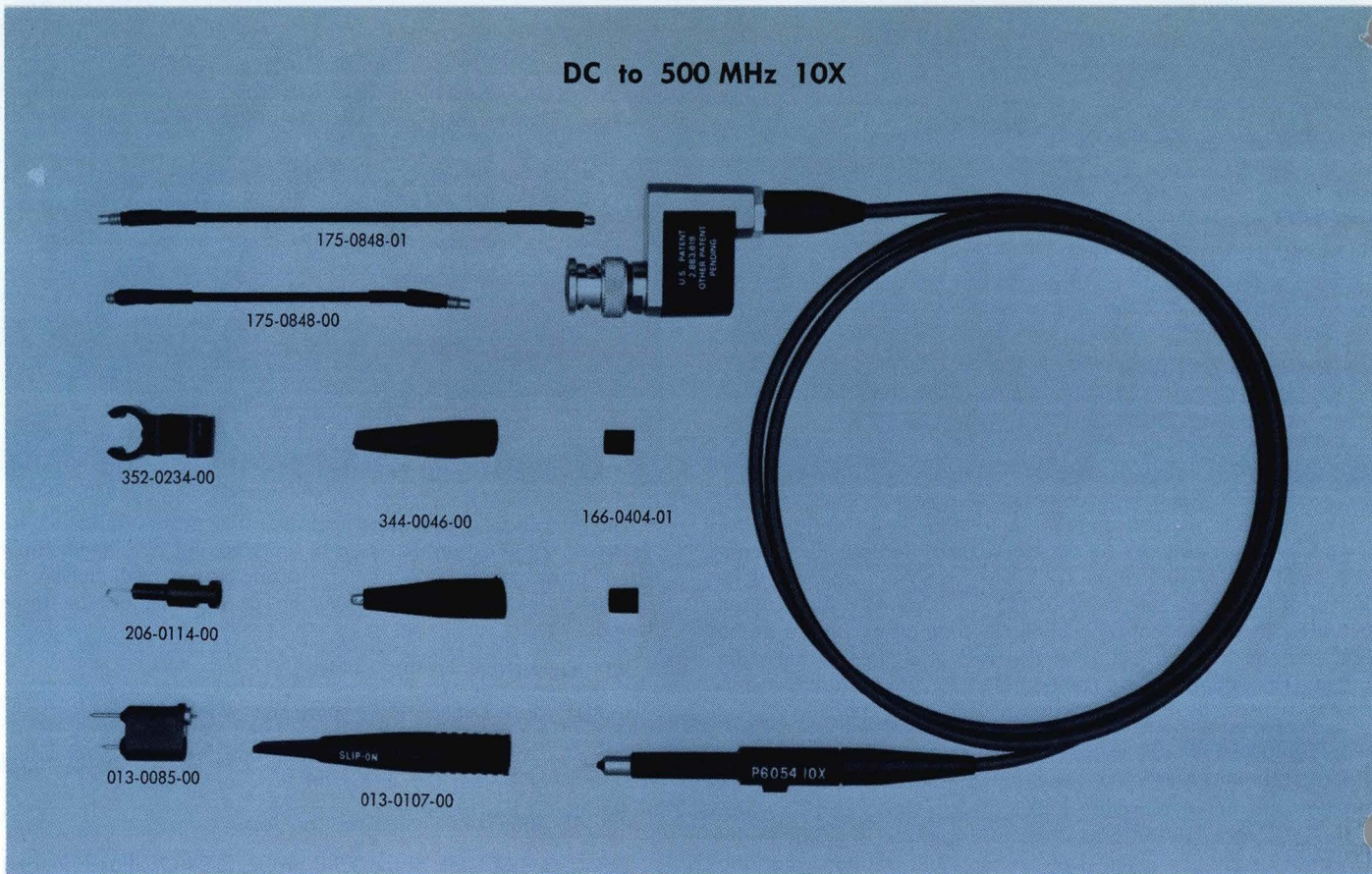


# P6054 Voltage Probe

DC to 500 MHz 10X



The P6054 is a miniature, fast-rise, 10X probe designed for use in conjunction with Tektronix oscilloscopes having a nominal input capacitance of 15 to 24 pF. The probe does not incorporate CRT readout/trace-identify functions.

**ATTENUATION** is 10X within 3%.

**INPUT RESISTANCE** is 10 megohms within 2%.

**INPUT CAPACITANCE** for the 3.5-foot probe is 9.5 pF within 0.5 pF; for the 6-foot version 12 pF within 0.5 pF; for the 9-foot version 13.5 pF within 0.5 pF.

**PROBE RISETIME** for 3.5-ft or 6-ft probe is 0.7 ns\* or less, the 9-ft probe is 2 ns or less.

**TYPICAL RISETIME** of 3.5-ft probe with 454A oscilloscope is 2.4 ns.

**VOLTAGE RATING** is 500 V (DC + Peak AC).†

**PROBE CABLE** is terminated with a BNC connector, it does not provide readout/trace-identify functions.

**NET WEIGHT** is approx 10 ounces.

- P6054 3.5-FT PROBE**, order 010-6054-01 ..... \$50
- P6054 6-FT PROBE**, order 010-6054-03 ..... \$50
- P6054 9-FT PROBE**, order 010-6054-05 ..... \$50

Includes: hook tip (206-0114-00); retractable-hook tip (013-0107-00); bayonet-ground adapter (013-0085-00); two minigator clips (344-0046-00); probe holder (352-0234-00); 3-inch ground lead (175-0848-00); 5-inch ground lead (175-0848-01); two insulating tubes (166-0404-01); instruction manual (070-1110-00).

### OPTIONAL ACCESSORIES

- Probe Tip to GR Adapter, order 017-0076-00 ..... \$8.30
- Probe Tip to BNC Adapter, order 013-0084-01 ..... \$5.30

\*Due to the fast-rise characteristics of this probe, the input capacitance and generator source impedance must be considered in determining the risetime of the system.

†Peak voltage derating is necessary for CW frequencies higher than 6 MHz. At 10 MHz the maximum allowable peak voltage is 300 V; 25 V at 100 MHz, 22 V at 150 MHz. Values for 3.5-ft probe only.

U.S. Sales Prices FOB Beaverton, Oregon  
Please refer to general information page