



The P6052 is a passive dual-attenuation probe designed for Tektronix low-frequency oscilloscopes that feature CRT readout and trace-identification functions. A sliding collar on the barrel of the probe selects 1X or 10X attenuation; a push button actuates the trace-identify function. A coding ring on the probe BNC output connector couples the control signals to the main frame. The P6052 can be compensated for use with instruments having a nominal input capacitance of 15 to 55 pF.

ATTENUATION 10X within 3%.
INPUT RESISTANCE: 1X position, 1 megohm within 2%; 10X position, 10 megohms within 1.5%.
INPUT CAPACITANCE for the 3.5-foot probe is 113 pF in the 1X position, 14 pF within 1 pF in the 10X position. For the six-foot version the input capacitance in the 1X position is 134 pF within 6 pF, the 10X position 16 pF within 1 pF.
PROBE RISE TIME for the 3.5-foot probe is ≤ 60 ns in the 1X position, ≤ 9 ns in the 10X position. For the six-foot version: 1X position ≤ 75 ns, 10X position ≤ 11 ns.
TYPICAL RISE TIME of the 3.5-ft probe, 7403 Oscilloscope, and 7A18 Amplifier is 11 ns.

VOLTAGE RATING is 500 V (DC + Peak AC)*.
PROBE CABLE is terminated with a BNC connector having a coding ring.
NET WEIGHT is approx 1 pound.

P6052 3.5-FT PROBE, order 010-0241-00 \$55
P6052 6-FT PROBE, order 010-0243-00 \$55
 Includes: retractable hook tip, (013-0105-00); hook tip, (206-0114-00); 5-inch ground lead, (175-0848-01); 12-inch ground lead, (175-0848-02); two minigator clips, (344-0046-00); two insulating tubes, (166-0404-01); probe holder, (352-0090-00); instruction manual, (070-0973-00).

The P6052 is available without the readout and trace-identification functions.

P6052 3.5-FT PROBE, (without readout function)
 order 010-0241-01 \$55
P6052 6-FT PROBE, (without readout function)
 order 010-0243-01 \$55

Includes: same accessories as standard P6052 Probe.

*Peak voltage derating is necessary for CW frequencies higher than 500 kHz the 1X position and above 5 MHz in the 10X position. At 44 MHz the maximum allowable peak voltage is approximately 35 V in the 1X position and approximately 60 V in the 10X position.

The P6053 is a miniature fast-rise 10X probe designed for Tektronix 7-Series vertical plug-in units having a nominal input capacitance of 15 to 24 pF. The probe has a push button for actuating the trace-identify function of the oscilloscope main frame.

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; 12 pF within 0.5 pF for the six-foot version.

PROBE RISE TIME is 0.7 ns† or less.

TYPICAL RISE TIME of the 3.5-ft probe, 7704 Oscilloscope, and 7A16 Amplifier is 2.4 ns.

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

PROBE CABLE is terminated with a BNC connector having a coding ring.

NET WEIGHT is approx 1 pound.

P6053 3.5-FT PROBE, order 010-0248-00 \$55
P6053 6-FT PROBE, order 010-0250-00 \$55

Includes: hook tip (206-0114-00); retractable-hook tip (013-0107-00); bayonet-ground adapter (013-0085-00); minigator clip (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 (070-1001-00).

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 5.5 MHz. At 10 MHz, the maximum allowable peak voltage is 275 V; 23 V at 100 MHz, 18 V at 150 MHz.

U.S. Sales Prices FOB Beaverton, Oregon
 Please refer to General Information page