Pomona ELECTRONICS

Technical Data Sheet

Models 72940, 72941, 72942 Insulated Scope Probes



72940-2, X10 Insulated, 500 MHz, Red
(additional photos on page 2)

Specifications

Dividing ratio	10:1
Input capacitance	13 pF
Compensation range	10 pF … 30 pF
Frequency range	0 … 500 MHz
Rise time	1 ns
Lead length	1.20 m (47 in)
Ground Clip lead length	25 cm (9.75 in)
Ground Clip opening	7 mm (0.25 in)
Input impedance	10 MΩ ± 1 %
Rated voltage	CAT II, 600 V (CAT III, 300 V) (frequency-dependant, see derating curve)

Insulated Scope Probes for use with portable Oscilloscopes.

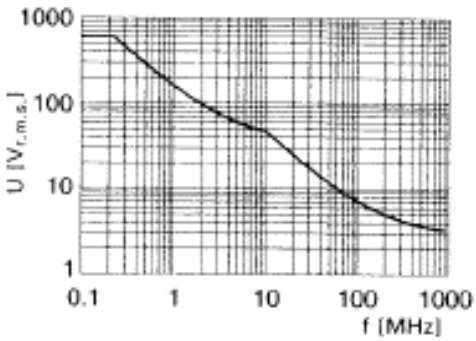
Features

- With a Cat II, 600 V (CAT III, 300 V) rating, these probes are perfect for use with portable oscilloscopes.
- And with a 500 MHz bandwidth, these probes provide plenty of headroom for those high frequency measurements.
- Fully Insulated, Meets IEC 61010-031
- Ergonomic Design with Comfort Grip

Accessories Included

- Push-on hook clip
- Push-on reference contact
- Reference lead with alligator clip for the connection to the 0.2 mm safety socket in the handle.

Rating: *CAT II, 600 V (CAT III, 300 V)*



Rated voltage

USA: Sales: 800-490-2361 Fax: 888-403-3360
Europe: 31-(0) 40 2675 150 **International**: 425-446-5500
e-mail: technicalsupport@pomonatest.com

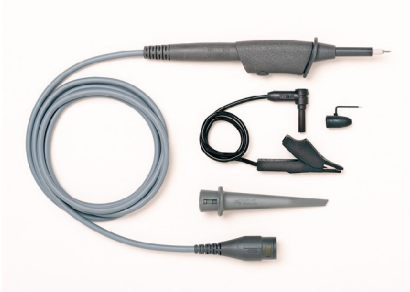
Where to Buy: www.pomonaelectronics.com

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Pomona ELECTRONICS

Technical Data Sheet

Models 72940, 72941, 72942 Insulated Scope Probes



72940-8, X10 Insulated, 500 MHz, Gray



72941, Kit Scope Probes, X10 Insulated, 500 MHz, Red & Gray



72942, Probe & Lead Kit for Portable Scopes

Ordering Information

Model Number	Description	Items Included
72940-2	Scope Probe, X10 Insulated, 500 MHz, Red	Red scope probe, black ground lead, red sprung hook, probe tip ground
72940-8	Scope Probe, X10 Insulated, 500 MHz, Gray	Gray scope probe, black ground lead, gray sprung hook, probe tip ground
72941	Kit, Scope Probes, X10 Insulated, 500 MHz, Red & Gray	Red scope probe, gray scope probe, black ground lead, red sprung hook, gray sprung hook, probe tip ground
72942	Probe & Lead Kit for Portable Scopes	72940-2 red scope probe, black ground lead, red sprung hook, probe tip ground, 5907A test leads (straight / right-angle Banana), 5916A and 6041B Alligator Clips, 5910B and 5912B Grabbers, 6146 carrying case

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