



PROBES AND ACCESSORIES

FEC ORDER CODE 151-648, 151-347, 151-587

**Farnell
Technical
Data
Service**

Switch probe SP150

151-347

A high performance switch probe with detachable earth lead and improved bandwidth

Specification

×1 position

Attenuation ratio 1:1
Bandwidth DC to 15 MHz
Rise time 20 nS
Input resistance 1 MΩ (oscilloscope input)
Input capacitance 100 pF *
Max input voltage 200 Volts DC inc peak AC derating with frequency

×10 position

Attenuation ratio 10:1
Bandwidth DC to >150 MHz
Rise time <1.5 nS
Compensation range 10 to 40 pF
Input resistance 10 MΩ (probe resistance 9 MΩ ±1%)
Input capacitance 12 pF *
Max input voltage 600 Volts DC inc peak AC derating with frequency

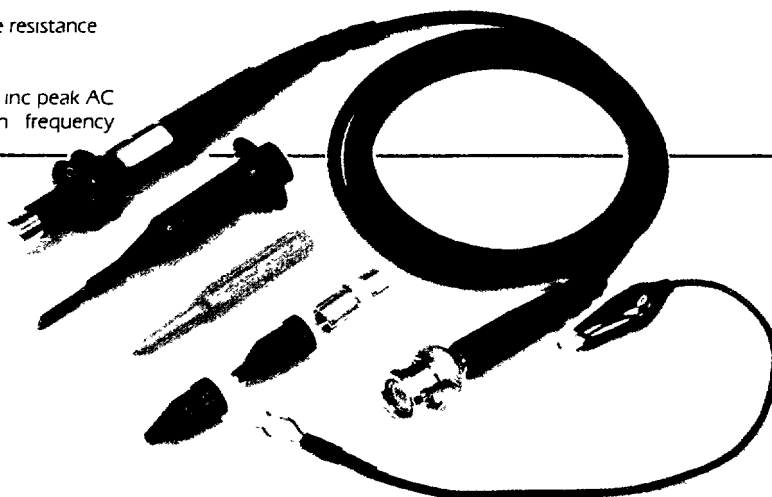
Ref Position

Probe tip grounded via 9 MΩ resistor
Oscilloscope input grounded

Working temperature range -25 to +70°C

* With probe compensated in ×10 position and connected to an oscilloscope having a 20 pF input capacitance

ACCESSORY KIT: 151-648



×10 probe P150

151-587

Specification

Attenuation ratio 10:1
Bandwidth DC to >150 MHz
Rise time <1.5 nS
Compensation range 10 to 40 pF
Input resistance 10 MΩ (probe resistance 9 MΩ ±1%)
Input capacitance 12 pF *
Max input voltage 600 Volts DC inc peak AC derating with frequency
Working temperature range -25 to +70°C

* With probe compensated in ×10 position and connected to an oscilloscope having a 20 pF input capacitance

Farnell Electronic Components Limited

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