



Key Features

- 10 kV DC measurement range
- 20 kV AC (peak-to-peak) measurement capability
- 100 M Ω high input impedance
- 40 MHz (–3 dB) bandwidth
- 1:1000 attenuation ratio
- BNC connector for universal oscilloscope compatibility

Product Overview

The HVP-15HF is a high-voltage oscilloscope probe designed for safe and accurate measurements up to 50 MHz bandwidth. It supports measurements up to 10 kV DC or 20 kV AC (peak-to-peak), offering a high input impedance of 100 M Ω to minimize current draw from the circuit under test. Engineered for precision and operator safety, the HVP-15HF is CE-tested and approved. Its BNC connector ensures compatibility with most oscilloscopes. With an optional BNC-to-banana adapter, it can also be connected to a digital multimeter (DMM), making it an ideal choice for engineers and technicians handling high-voltage measurements.

Measurement Specifications

Maximum Input Voltage	DC 0–10 kV ; AC \leq 7 kV RMS (20 kV p-p)
Accuracy	DC: $\pm 3\%$ (DC to 10 kV) ; AC: $\pm 3\%$ (1 kHz / 1 kV RMS)
Bandwidth (–3 dB)	0 – 40 MHz
Attenuation Ratio	1 : 1000
Rise Time	\leq 8.8 ns
Input Impedance	100 M Ω \pm 5%
Compensation Capacitance	5 – 50 pF
Temperature Coefficient	\leq 200 ppm / $^{\circ}$ C
Cable Length	2.0 m \pm 0.2 m

General Information

Operating Temperature	0 $^{\circ}$ C – 50 $^{\circ}$ C
Storage Temperature	–20 $^{\circ}$ C – 70 $^{\circ}$ C
Dimensions	\varnothing 75 \times 340 mm
Weight	Approx. 250 g