

High-Voltage Differential Probe

VCF 80

Datasheet



In Compliance with

- > IEC/EN 61000-4-5
- > GB/T 17626.5
- > GB/T 16927.1
- > GB 18802.1

Introduction

High-voltage differential probe VCF-80 is designed according to IEC/EN 61000-4-5 as the ideal high-voltage measuring tool for surge calibration, capable of effective protection of the oscilloscope. It can also be used to measure the clamping voltage of varistor type Surge Protective Devices.

Features

- > Wide range of application, for surge measuring and power supply measuring
- > Compatible with most type of oscilloscopes
- > High capacity, up to DC 8 kV
- > High bandwidth range, up to 8 MHz
- > Substitute for 2 pcs of P6015 HV probes

Application Areas

- > IT
- > Telecom
- > Medical
- > TV broadcasting
- > Railway
- > Military
- > Avionics
- > New energy
- > New energy automotive

Technical Parameters	
Attenuation	1000:1
Measuring Accuracy	±2%±5 m V DC
Input Impedance	30 kΩ, common-mode;
	60 kΩ, differential-mode;
Output Impedance	50 Ω
Max Impulse Voltage	8 kV
-3 dB Bandwidth	8 MHz
Rise Time	40 ns
Response Time	30 ns
Output Terminal	Co-axial BNC connector
Operating Power	DC 24 V, 1 A

General Parameters	
Operating Temp.	15 °C - 35 °C
Operating Humidity	45% - 75%
Dimension	260 x 160 x 26 mm
Weight	Approx. 900 g

Accessories		
Adaptor	Input: AC 240 V, 50/60 Hz; Output: DC 24 V, 1 A;	1 pc
Coaxial Testing Wire	BNC, length: 1 m	1 pc
Factory Inspection Report	/	1 pc
User Manual	/	1 pc



SUZHOU 3CTEST ELECTRONIC CO., LTD.

Add.: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Tel: +86 (0)512 6807 7192 Fax: +86-512-68079795

Sales Email: globalsales@3ctest.cn Service Email: service@3ctest.cn

www.3c-test.com