



Capacitive Coupling Clamp

CCC 100

- IEC 61000-4-4
- IEC 61000-4-18
- GB/T 17626.4

Features

- > Designed in compliance with IEC 61000-4-4 Ed. 3.0
- > Pulse voltage is 8 kV
- > Suitable for EFT/B signal and data line testing
- > Accommodates cables with diameter up to 40 mm
- > Effective coupling length is 1 m

Introduction

The CCC 100 capacitive coupling clamp complies with standards including IEC 61000-4-4, IEC 61000-4-18 and GB/T 17626.4. It is used to couple electrical fast transient (EFT) bursts onto I/O lines.

Discrete capacitors are generally incapable of coupling EFT bursts to signal cables, as they fail to transmit disturbance currents effectively. Direct connection to target lines, coaxial cables or shielded cables is often unfeasible. Under such circumstances, coupling is achieved via a capacitive coupling clamp. The disturbance simulator can be connected to either side of the coupling fixture.

**General
Parameters**

Coupling Capacitance	100 pF ~ 1,000 pF, DC 5 kV
Insulation Performance	>5 kV (1.2/50 μs)
Dimension	1,040 *140 *110 mm

SUZHOU 3CTEST ELECTRONIC CO., LTD.

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China
E-mail: globalsales@3ctest.cn
Service: service@3ctest.cn
Tel: +86 - 512 - 68077192
Web: www.3ctest.com



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