

# Clamp-on Current Monitor Probe **T-17A**



- CISPR 16-1-2
- CISPR 14-1
- CISPR 25
- CISPR 32
- MIL-STD-461

## Features

- > Low noise floor for conducted emissions and conducted immunity current measurements
- > Excellent DC bias capability, ensuring stable operation under high EUT currents
- > Undistorted waveform, galvanic isolation from the conductor under test

## Introduction

The T-17A Clamp-on Current Monitor Probe complies with CISPR 16-1-2 and is suitable for current measurements in accordance with CISPR 14-1, CISPR 25, CISPR 32, and MIL-STD-461. It measures AC and transient pulse current with DC or low-frequency bias, transferring the signals to measurement devices via electromagnetic coupling.

The T-17A provides undistorted waveform measurement and galvanic isolation from the conductor under test. Its excellent DC bias capability also makes it suitable for conducted immunity testing.

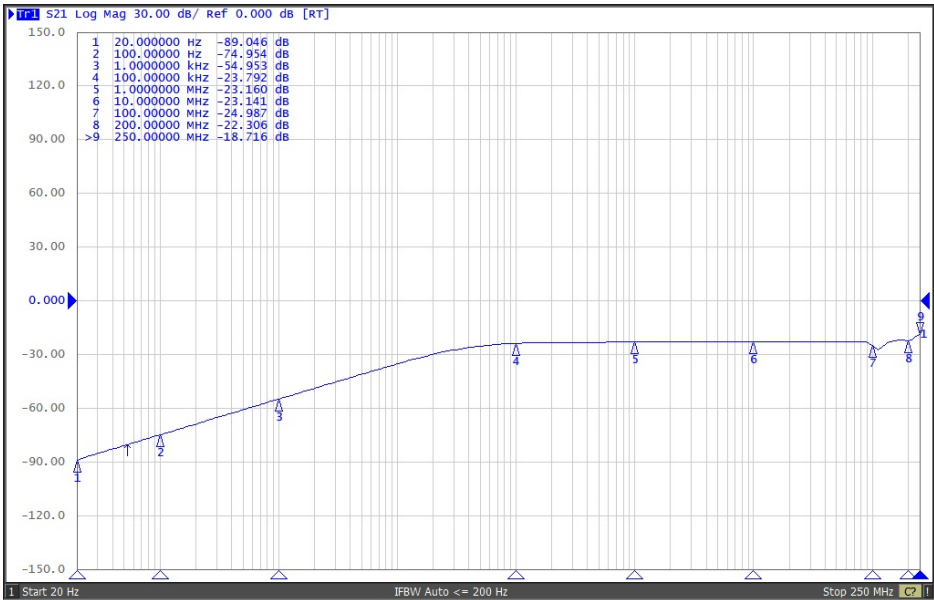
## Application Areas



Technical  
Parameters

|                                   |                           |
|-----------------------------------|---------------------------|
| Frequency Range                   | 20 Hz ~ 250 MHz           |
| Transfer Impedance                | 3.6 Ω (11 dBΩ) @50 Ω load |
| Max. Peak Current                 | 500 A                     |
| Max. Cont. Current (RMS)          | 2 A                       |
| EUT Working Current (DC ~ 400 Hz) | 300 A                     |
| Inner Diameter                    | 40 mm                     |
| Outer Diameter                    | 127 mm                    |
| Thickness                         | 40 mm                     |
| Connector Type                    | Type N                    |
| Working Temperature               | 0°C ~ 65°C                |
| Weight                            | Approx. 2 kg              |

S21 Curve



Note: Transfer impedance (dBΩ)= S21+34 dBΩ @50 Ω load

SUZHOU 3CTEST ELECTRONIC CO., LTD.

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



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