



Wide-band Current Probe

CM 0120M

Features

- > Meets the requirements for time-domain pulse current measurement with rise time less than 18 ns;
- > Distortion-free waveform and galvanic isolation from the current-carrying conductor;

Introduction

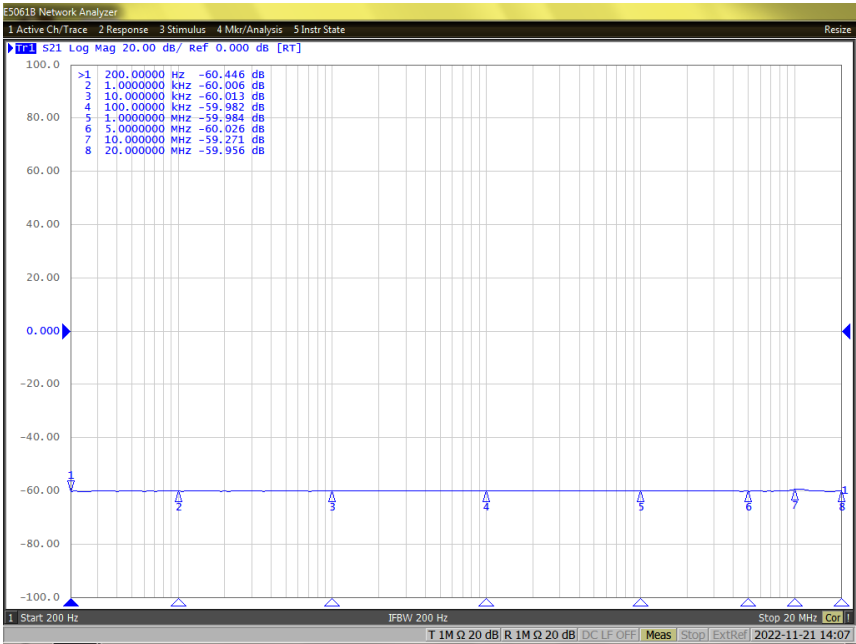
The CM 0120M is used for measuring alternating current and time domain pulse current in the frequency range from 200 Hz to 20 MHz. It features no waveform distortion and physically isolation with current carrier and transmits time harmonics current or pulse current to recording instruments in the form of voltage, which meet the measurement requirement of time harmonics signal with frequency of 20 MHz or below and transient pulse with rise time less than 18 ns. Widely used in tests of EMC conductive sensitivity (immunity).

Application Areas



Technical Parameters

Sensitivity	0.1 V/A
Output Resistance	50 Ω
Max. Peak Current	5,000 A
Max. rms Current	50 A
Rise Time	18 ns
Current Time Product	0.2 A·s
Low Frequency 3 dB cut-off	200 Hz
High Frequency 3 dB cut-off	20 MHz
Inner Diameter	40 mm
Outer Diameter	116 mm
Thickness	40 mm
Interface Type	Type BNC
Operating Temperature	0 °C ~ 65 °C
Weight	1 kg



S21 Curve

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.3c-test.com



3CTEST is always striving for product innovation and quality improvement. Product appearance and technical specifications are subject to change without further notice.