

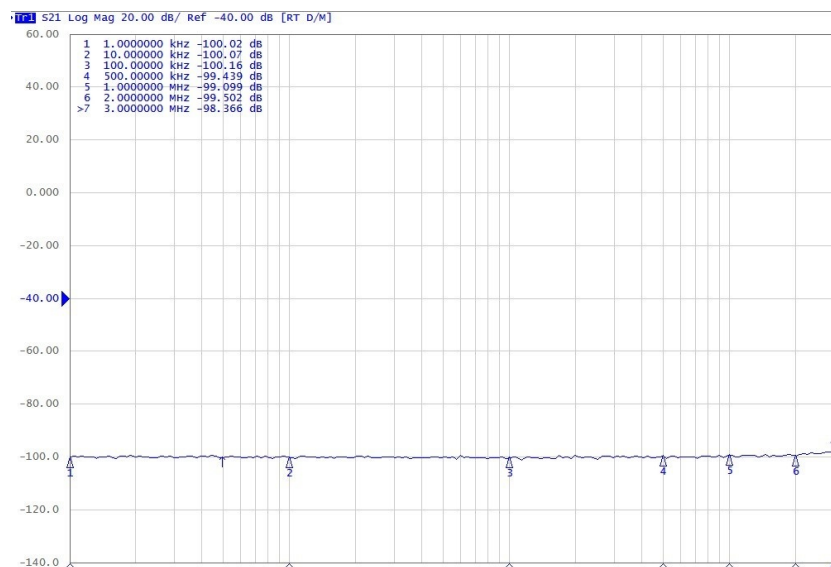
## CM 0302M Wide-band Current Monitor

### Datasheet



The CM 0302M is used for measuring alternating current and time domain pulse current in the frequency range from 5 Hz to 2 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. It is capable of meeting the measurement requirement of time harmonics signal with frequency of 2 MHz or below and transient pulse with rise time less than 175 ns. Widely used in EMC conductive sensitivity (immunity) test.

Technical Parameters			
Sensitivity	0.001 V/A	High Frequency 3 dB cut-off	2 MHz
Output Resistance	50 Ω	Inner Diameter	40 mm
Max. Peak Current	200,000 A	Outer Diameter	116 mm
Max. rms Current	520 A	Thickness	40 mm
Rise Time	175 ns	Interface Type	BNC type
Current Time Product	10 A·s	Operating Temperature	0 °C ~ 65 °C
Low Frequency 3 dB cut-off	5 Hz	Weight	1 kg



s21 curve of CM 0302M



## **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](mailto:globalsales@3ctest.cn)      Service Email: [service@3ctest.cn](mailto:service@3ctest.cn)

[www.3c-test.com](http://www.3c-test.com)