

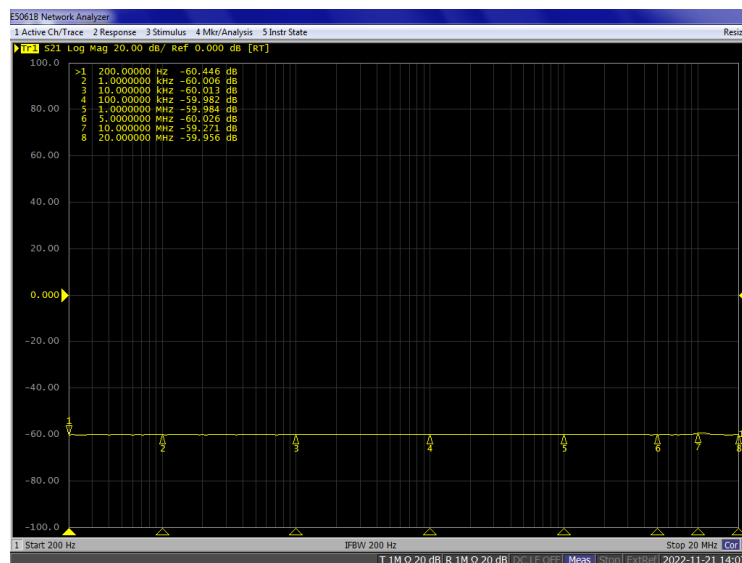
Wide-band Current Monitor CM 0103M

Datasheet



The CM 0103M 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).

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



s21 curve of CM 0103M



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