

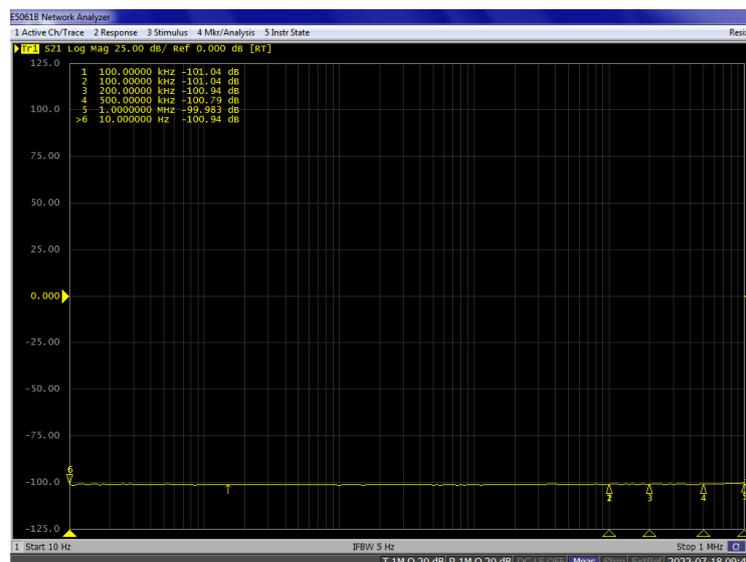
CM 0301M Wide-band Current Monitor

Datasheet



The CM 0301M is used for measuring alternating current and time domain pulse current in the frequency range from 10 Hz to 1 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 1 MHz or below and transient pulse with rise time less than 350 ns. Widely used in EMC conductive sensitivity (immunity) test.

Technical Parameters			
Sensitivity	0.001 V/A	High Frequency 3 dB cut-off	1 MHz
Output Resistance	50 Ω	Inner Diameter	40 mm
Max. Peak Current	200,000 A	Outer Diameter	116 mm
Max. rms Current	400 A	Thickness	40 mm
Rise Time	350 ns	Interface Type	BNC type
Current Time Product	6 A·s	Operating Temperature	0 °C ~ 65 °C
Low Frequency 3 dB cut-off	10 Hz	Weight	1 kg



s21 curve of CM 0301M



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