



Broadband Current Monitor Clamp

CM 0220M

Features

- > Undistorted waveform, physical isolation from current-carrying conductors
- > Supports AC and time-domain pulse current measurement from 10 Hz to 20 MHz
- > Supports harmonic signal measurement up to 20 MHz

Introduction

The CM 0220M Broadband Current Monitor is designed for measuring alternating currents from 10 Hz to 20 MHz and time-domain pulse currents. It transmits sinusoidal or pulsed signal currents to recording equipment in the form of voltage via electromagnetic coupling, featuring undistorted waveforms and physical isolation from current-carrying conductors. It meets measurement requirements for sinusoidal signals up to 20 MHz and transient pulse signals with rise times less than 18 ns as specified in various standards, and is widely used in EMC conducted susceptibility (immunity) tests.

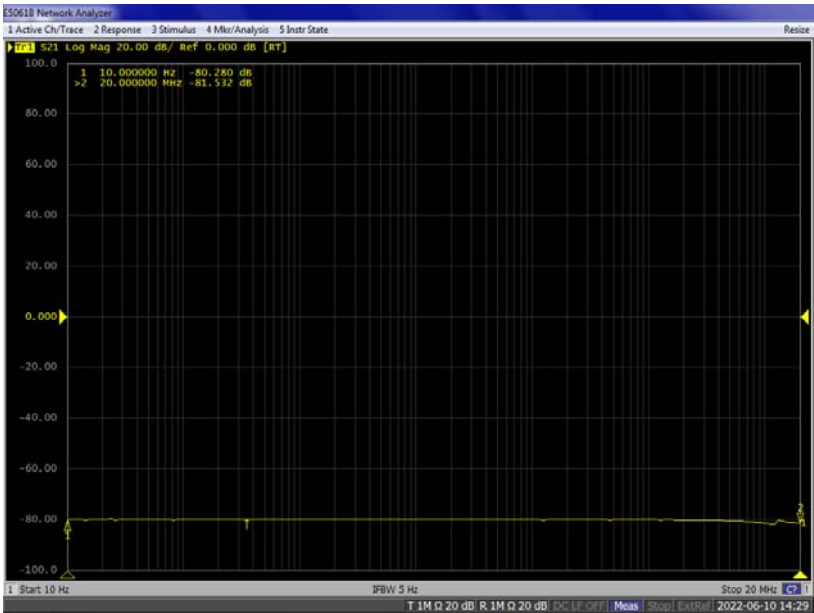
Application Areas



Technical Parameters

Sensitivity	0.01 V/A
Output Impedance	50 Ω
Max. Peak Current	20,000 A
Max. Continuous Current	150 A
Rise Time	18 ns
A·s Integral	1 A·s
Lower Limit Frequency (-3 dB)	10 Hz
Upper Limit Frequency (-3 dB)	20 MHz
Thickness	40 mm
Inner Diameter	40 mm
Outer Diameter	116 mm
Interface Type	BNC type
Operation Temperature	0°C ~ 65°C
Weight	Approx. 1 kg

s21 Curve



CM 0220M Broadband Current Monitor s21 curve

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