

CM 0220M Wide-band Current Monitor

Datasheet



The CM 0220M is used for measuring alternating current and time domain pulse current in the frequency range from 10 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 | 0.01 V/A | High Frequency 3 dB cut-off | 20 MHz |
| Output Resistance | 50 Ω | Inner Diameter | 40 mm |
| Max. Peak Current | 20,000 A | Outer Diameter | 116 mm |
| Max. rms Current | 150 A | Thickness | 40 mm |
| Rise Time | 18 ns | Interface Type | BNC type |
| Current Time Product | 1 A·s | Operating Temperature | 0 °C ~ 65 °C |
| Low Frequency 3 dB cut-off | 10 Hz | Weight | 1 kg |



s21 curve of CM 0220M



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