

# CT-001-B011-M Broadband Current Transformer



## 1. Description

CT-001-B011-M is a broadband current transformer designed to monitor current transients from 10 kHz to 1.2 GHz. Between 1 MHz – 1.2 GHz the transfer impedance is flat at 1V/A. From 10 kHz – 1 MHz the CT-001-B011-M has a linearly increasing transfer impedance and thus can be used for applications in this frequency range.

## 2. Features

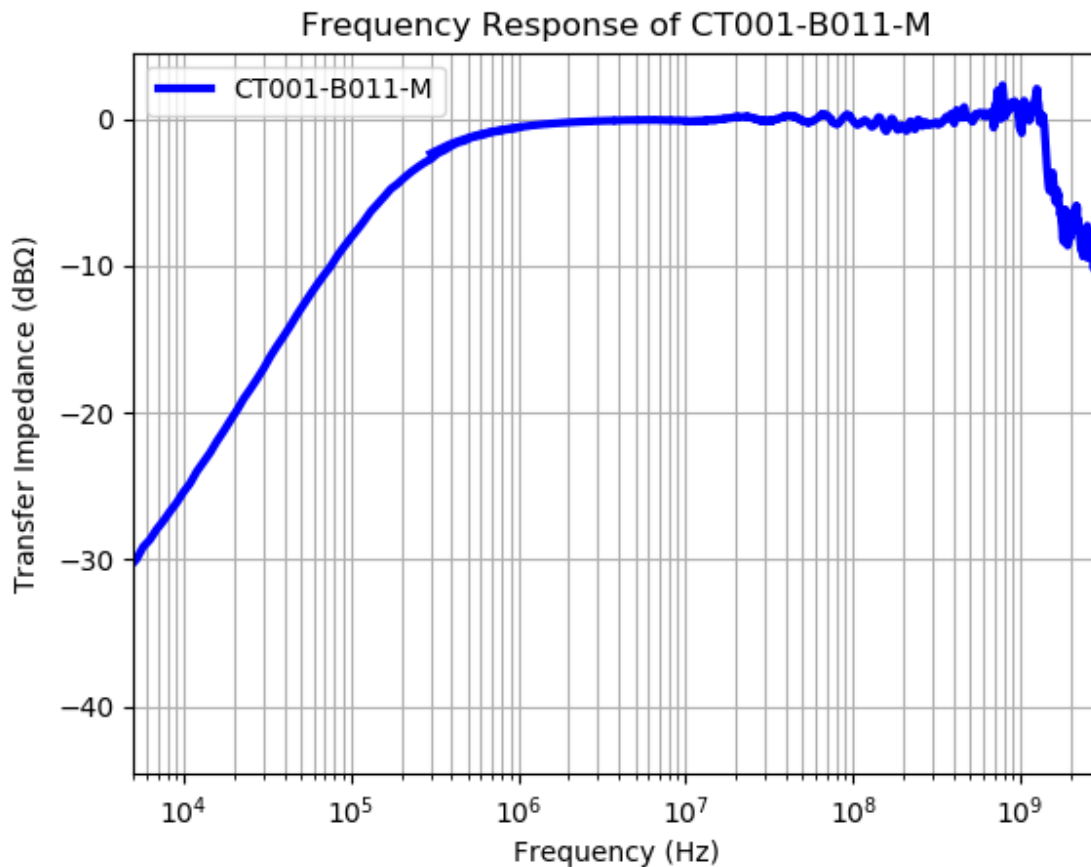
- Flat transfer impedance at high frequencies from 1 MHz – 1.2 GHz
- Linearly increasing transfer impedance from 10 kHz – 1 MHz
- Compact, lightweight, and robust design
- Insulation Cover designed for up to 20 kV for ESD Simulator Air Discharge Measurement

## 3. Applications

- High frequency current measurement
- Good for electromagnetic compatibility testing procedures
- ESD simulator discharge current waveform measurement

## 4. Specifications

Parameter	Value
Flat Response Bandwidth (3dB)	1 MHz - 1.2 GHz
Transfer Impedance	1 V/A (1 MHz – 1.2 GHz)
Dimension	51.4×43×13 mm (2.02×1.69×0.52 inch)
Weight	0.048 kg (0.11 lbs)



## 5. Ordering Information

Part # or Option #	Description
CT-001-B011-M	Broadband Current Transformer, Metal Case
CT-001-B011-C	Insulation Cover for ESD Simulator Measurement
CT-001-B011-P	Broadband Current Transformer, Plastic Case (Obsolete)

## 6. Dimensions

