

CT-C01 Broadband Current Transformer

1. Description

The CT-C01 series broadband current transformers are designed to monitor time domain and frequency domain measurements. This clamping-style probe has a 14.9 mm inner diameter, a 49 mm outer diameter, and a draw-latch clamp. The probe's frequency response 3 dB bandwidth nominally spans from 30 kHz to 1 GHz.



2. Features

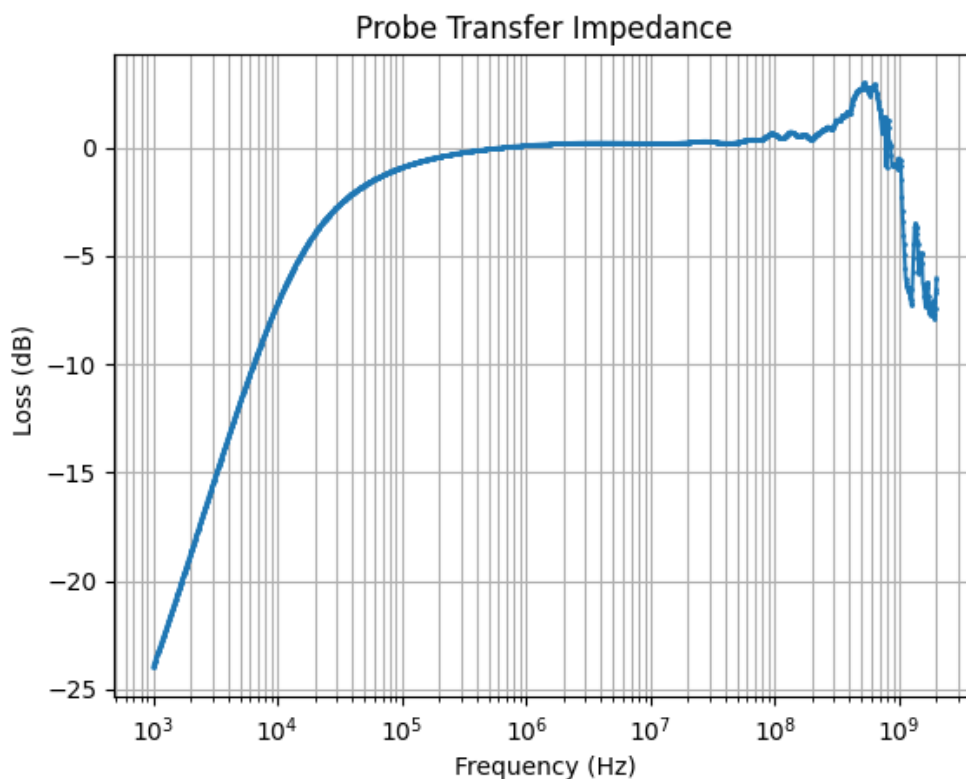
- Flat transfer impedance
- Compact, lightweight, and robust design
- Spring-loaded draw-latch clamp
- Outer Diameter of 49 mm
- Inner Diameter of 14.9 mm
- Type-N connector

3. Applications

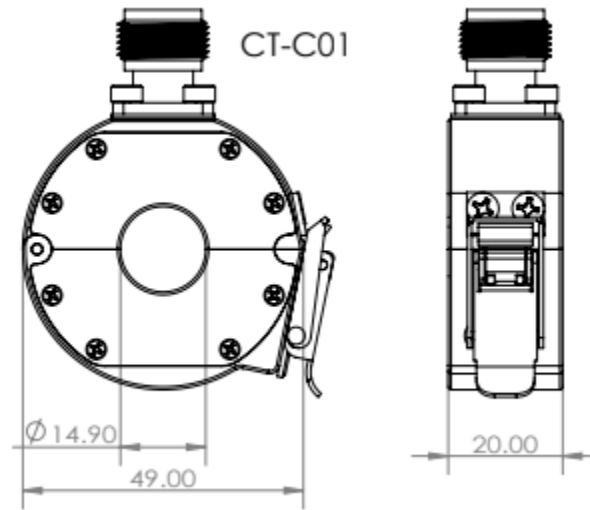
- High frequency time-domain current measurement
- Conducted Emissions measurements
- ESD Simulator Pulse Verification

4. Electrical Specifications

Parameter	Value
Frequency Range (3dB Bandwidth)	30 kHz – 1 GHz
Inner Diameter	14.9 mm
Outer Diameter	49 mm
Height	20 mm
Nominal Transfer Impedance	1 V/A
Nominal Transfer Impedance (dB)	0 dB
Connector Type	Type-N
Max RMS Current [RF – CW]	8 A



5. Dimensions



6. Ordering Information

Line	Part # or Option #	Description	Status
1	CT-C01	Broadband Current Transformer, 1 V/A, 30 kHz – 1 GHz	Active