



## A.H. Systems, Inc.

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# BCP-510

## Broadband Current Probe

20 Hz – 2 MHz

This current probe measures currents on 50 Hz, 60 Hz and 400 Hz power lines. The BCP-510 current probes have a usable frequency range of 20 Hz - 5 MHz



Frequency Range: 20 Hz - 1 MHz

Transfer Impedance (dB $\Omega$ ) -56 to -30

Max Cont. Current (Amps) 100

Connector: BNC-Type, Female

### **Physical Dimensions**

Aperture: 1.2" (32 mm)

Diameter: 3.9" (98 mm)

Weight: 1.7 lb.'s (771 grams)

### **Features**

- Measures currents on 50 Hz, 60 Hz and 400 Hz power lines
- Individually Calibrated (Transfer Impedance calibration included)
- Split Type Clamp-on Design
- Three Year Warranty

Conducted currents can be measured without making direct contact with the source conductor or metallic surface by means of clamp-on current probes. The BCP-510 low frequency current probe has a flat transfer impedance of 0.12 ohms ( $\pm 2$  dB) from 100 Hz to 1 MHz and is an ideal solution for low frequency conducted emissions testing.

### **Recommended Accessories**

- CPF-530 Current Probe Fixture
- SAC-212 BNC/N Cable, 3 Meter



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**Broadband Current Probe  
Transfer Impedance  
Model: BCP-510**

Transfer Impedance Conversion Formula:

$$\text{dB}\mu\text{A} = \text{dB}\mu\text{V} - \text{dB}\Omega + \text{cable loss}$$

