



## A.H. Systems, Inc.

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## BCP-511

### Broadband Current Probe

20 KHz – 100 MHz

This probe is capable of measuring pulse currents up to 100 amperes with a duty cycle of 0.001.



Frequency Range: 20 KHz - 100 MHz

Transfer Impedance (dB $\Omega$ ) -12 to +1

Max Cont. Current (Amps) 350

Connector: BNC-Type, Female

### Physical Dimensions

Aperture: 1.2" (32 mm)

Diameter: 3.9" (98 mm)

Weight: 1.8 lb.'s (816 grams)

### Features

- Measure conducted emissions from 20 kHz to 100 MHz
- Individually Calibrated (Transfer Impedance calibration included)
- High Current Capability
- 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-511 Current Probe is designed to permit field intensity meters, spectrum analyzers, and other 50 ohm impedance instruments to measure quantitative magnitudes of current. Measurements can be made on single and multi-conductor cables, ground and bonding straps, shielded conduits and on coaxial cables.

For ease and convenience of performing conducted measurements, all of our current probes utilize the split type clamp-on design. Small and lightweight, each Current Probe is manufactured to exacting standards, thus insuring repeatable performance. This current probe is capable of measuring pulse currents up to 100 amperes with a duty cycle of 0.001 and has a wide operating frequency of 20 KHz - 100 MHz.

### 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-511**

Transfer Impedance Conversion Formula:

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

