A.H. Systems, Inc.
9710 Cozycroft Ave.
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BCP-611

RF **Current Probe**
10 KHz – 150 MHz

This probe is capable of measuring pulse currents up to 100 amperes.

Frequency Range	10 KHz - 150 MHz
Transfer Impedance	-25 to +5 dBΩ
Max Primary Current	800 Amps (DC to 60 Hz)
Max Primary Current	450 Amps (400 Hz)
Max Primary Current CW	4 Amps
Max Pulse Current	100 Amps
Connector	BNC-Type, Female

Physical Dimensions

Aperture:	1.25" *(33 mm)*
Diameter:	4.5" *(114 mm)*
Weight:	1.4 lb.'s *(0.65 Kg)*

Features

- Measure conducted emissions from 10 kHz to 150 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-611 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.

Recommended Accessories

- CPF-630 Current Probe Fixture
- SAC-212 BNC/N Cable, 3 Meter

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Broadband Current Probe Calibration
Model: BCP-611

Transfer Impedance Conversion Formula:

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