



A.H. Systems, Inc.

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BCP-615

Broadband Current Probe

10 KHz – 500 MHz

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



Frequency Range : 10 KHz - 500 MHz

Transfer Impedance : -40 to +18 dBΩ

Max Primary Current : 350 Amps (DC – 400 Hz)

Max RF Current : 80 Amps

Max Pulse Current : 100 Amps

Connector : N-Type, Female

Physical Dimensions

Aperture: 1.25" (33 mm)

Weight: 1.2 lb.'s (0.55 Kg)

Features

- Measure conducted emissions from 10 kHz to 500 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-615 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-213 N/N Cable, 3 Meter



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Calibration, Broadband Current Probe

Model Number: BCP-615

Transfer Impedance Conversion Formula:

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

