



A.H. Systems, Inc.

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BCP-516

Broadband Current Probe

10 KHz – 50 MHz

This broadband current probe is used to measure conducted emissions from 10 kHz to 50 MHz and can handle 400 amperes of primary power line currents from DC to 60 Hz without saturating or impacting the transfer impedance of the current probe.



Frequency Range: 10 KHz - 50 MHz

Transfer Impedance (dB Ω) -7 to 12

Max Cont. Current (Amps) 800

Connector: N-Type, Female

Physical Dimensions

Aperture: 1.2" (32 mm)

Diameter: 3.7" (94 mm)

Weight: 2.5 lb.'s (1.13 kg)

Features

- High current conducted emissions measurements without saturation.
- Individually Calibrated (Transfer Impedance calibration included)
- Split Type Clamp-on Design
- Three Year Warranty

The BCP-516 is used to measure conducted emissions from 10 kHz to 50 MHz. It has a usable frequency range of 10 Hz to 70 MHz. This broadband current probe has a transfer impedance of 8 dB Ω (\pm 4 dB) from 30 kHz to 50 MHz. The BCP-516 current probe can handle 400 amperes of primary power line currents from DC to 60 Hz without saturating or impacting the transfer impedance of the probe.

Recommended Accessories

- CPF-530 Current Probe Fixture
- SAC-213 N/N Cable, 3 Meter



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**Broadband Current Probe
Transfer Impedance
Model: BCP-516**

Transfer Impedance Conversion Formula:

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

