



A.H. Systems, Inc.

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BCP-512

Broadband Current Probe

1 MHz – 1 GHz

For ease and convenience of performing conducted measurements, this current probe has a flat response from 80 MHz to 1 GHz.



Frequency Range: 1 MHz - 1000 MHz

Transfer Impedance (dBΩ) 0 to 24

Max Cont. Current (Amps) 200

Connector: N-Type, Female

Physical Dimensions

Aperture: 1.2" (32 mm)

Diameter: 2.8" (98 mm)

Weight: 0.5 lb.'s (227 grams)

Features

- 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-512 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 Current Probes utilize the split type clamp-on design. Small and lightweight, this Current Probe is manufactured to exacting standards, thus insuring repeatable performance. This current Probe has a transfer impedance of 21.5 dBW (+/- 2 dB) from 80 MHz to 1000 MHz

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-512**

Transfer Impedance Conversion Formula:

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

