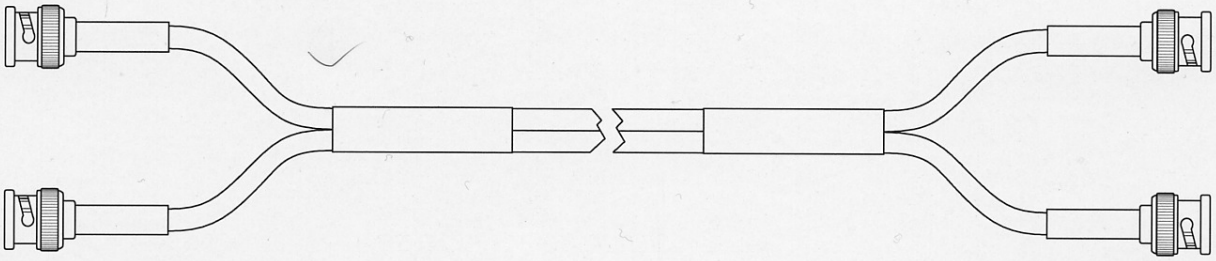
ANDEEN-HAGERLING

DCOAX
Cable



Dual, Low Noise, Coaxial Cable Optimized For Three-Terminal Capacitance Measurements

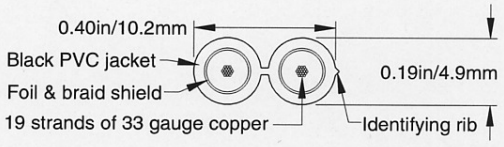
Very high precision, three-terminal capacitance measurements can be affected by the self-inductance of the test cables, mainly at higher capacitance values. Magnetically induced noise can also reduce the quality of measurements. The cable now offered by Andeen-Hagerling both minimizes these problems and provides a way to standardize the residual self-inductance. High precision calibration measurements can now use a standard one meter length of test cable to minimize and standardize cable induced errors.

Outstanding Features

- Low triboelectric noise
- Minimizes self-inductance at frequencies below 1 MHz
- Minimizes the enclosed area to reduce pickup from magnetic fields
- Rib on one half cable allows easy identification
- Shielding is 100% using foil and copper braid construction
- Center conductor is equivalent to 20 gauge to minimize resistance
- Good flexibility makes it suitable for test leads
- Easily zippable

Specifications and Cross-Section View

Capacitance of one cable half: 106 picofarads/meter
Center resistance of one cable half: 36 milliohms/meter
Shield resistance of one cable half: 14 milliohms/meter
Loop inductance at 1 kHz: 1.1 microhenries/meter



Ordering Information

	Order Number
Standard one meter calibration cable	DCOAX-1-BNC
Made-to-length BNC cable	DCOAX-(length in meters)-BNC
Cable without connectors	DCOAX-(length in meters)

For technical questions regarding this cable, or ordering information,
Call: 440-349-0370 Fax: 440-349-0359 email: info@andeen-hagerling.com

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