

Match 500- or 600-Ohm Lines, 5 Watt Capability**Specifications**

When a high order of accuracy, wide frequency response, large power handling capacity or special features are required, *hp* 350 series attenuators are of great value and convenience. They are particularly useful in attenuating output of audio and ultrasonic oscillators, measuring gain and frequency response of amplifiers, measuring transmission loss, and increasing the scope and usefulness of other laboratory equipment.

Two attenuator sections in cascade make up the 350 Attenuators. One section is a 100-db attenuator, adjusted in 10 db steps. The other is a 10-db attenuator, adjusted in 1 db steps. Frequency response is flat to 1 mc. Two standard impedance levels are available: Model 350C for 500-ohm systems and Model 350D for 600-ohm systems. The instruments have large power handling capacity, 5 watts at any attenuator setting, and are ideal for ultrasonic and other work involving measurements above the range of conventional audio-frequency attenuators. Further, attenuator ground may be dc-isolated from the cabinet to eliminate troublesome ground loops.

Attenuation: 110 db in 1 db steps.

Accuracy, 10 db section: From dc to 100 kc, error is less than ± 0.125 db at any step. From 100 kc to 1 mc, error is less than ± 0.25 db at any step.

Accuracy, 100 db section: From dc to 100 kc, error is less than ± 0.25 db at any step up to 70 db; less than ± 0.5 db above 70 db. From 100 kc to 1 mc, error is less than ± 0.5 db at any step up to 70 db; less than ± 0.75 db above 70 db.

Power Capacity: 350C, 500 ohms: 5 watts (50 v dc or rms) maximum, continuous duty; 350D, 600 ohms: 5 watts (55 v dc or rms) maximum, continuous duty.

DC Isolation: Signal ground may be ± 500 v dc from external chassis.

Dimensions: 6-3/32" high, 5 1/8" wide, 8" deep.

Weight: Net 5 lbs. Shipping 7 lbs.

