

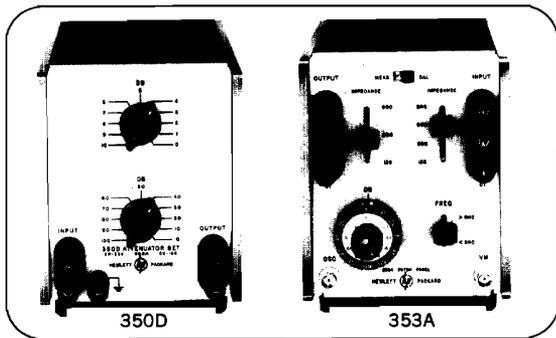
ATTENUATORS, ACCESSORIES

Match 900, 600, 500 or 135-ohm lines

Models 350C,D, 353A, 11004A, 11005A



SIGNAL SOURCES



HP 353A Patch Panel

This Patch Panel contains a precision attenuator variable in 1 dB steps to 110 dB and two sets of impedance matching transformers. One set of transformers matches 900 ohm, 600 ohm or 135 ohm lines. The other set of transformers terminates the line in 900 ohms, 600 ohms, 135 ohms or in 10 k ohms for bridging measurements. Refer to page 321 for specifications.

HP 350C, 350D Attenuators

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.

350C/D Specifications

Attenuation: 110 dB in 1 dB steps.

Accuracy: 10 dB section:

	0 dB	10 dB
dc to 100 kHz	< ±0.125 dB/step	
100 kHz to 1 MHz	< ±0.25 dB/step	

Accuracy: 100 dB section:

	0 dB	70 dB	100 dB
dc to 100 kHz	< ±0.25 dB	< ±0.5 dB/step	
100 kHz to 1 MHz	< ±0.5 dB	< ±0.75 dB/step	

Power capacity: 350C, 500 ohms; 5 W (50 Vdc or rms) maximum, continuous duty. 350D, 600 ohms; 5 W (55 Vdc or rms) maximum, continuous duty.

DC isolation: signal ground may be ±500 Vdc from external chassis.

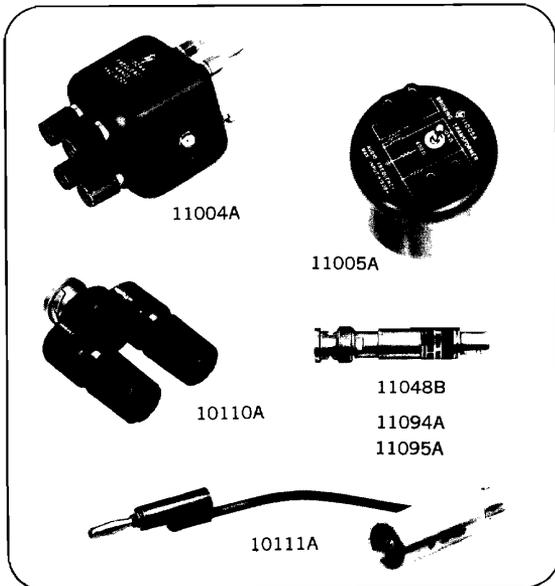
Dimensions: 5 1/8" wide, 6 1/4" high (without removable feet), 8" deep (130 x 159 x 203 mm).

Weight: net 4 lbs (1,8 kg); shipping 5 lbs (2,3 kg).

Accessories available: HP 11000A Cable Assembly, 44" of RG-58C/U 50Ω coaxial cable terminated by dual banana plugs, \$5. HP 11001A Cable Assembly, as above but with one BNC male connector, \$6. 11075A Carrying Case (refer to pages 227 and 228), \$45.

Price: HP 350C; 500Ω attenuator, \$140. HP 350D; 600Ω attenuator, \$140.

Oscillator Accessories



11004A Line-Matching Transformer

The 11004A Transformer, with a frequency response between 5 kHz and 600 kHz, provides fully balanced 135 or 600Ω output from single-ended input. Maximum level +22 dBm. HP 11004A, \$60.

11005A Line-Matching Transformer

The 11005A Transformer, with a frequency response between 20 Hz and 45 kHz, provides a fully balanced 600Ω output from single-ended input. Maximum level is +15 dBm. HP 11005A, \$80.

10110A, 10111A BNC-to-Binding-Post Adapters

These adapters mate with a BNC or binding post receptacle, respectively, and provide either binding post or BNC output connectors. The 10110A is a BNC male-to-binding-post adapter; the 10111A is a BNC female-to-banana-plug adapter. Spacing between binding posts is 3/4". HP 10110A, \$5; HP 10111A, \$7.

11048B 50-ohm Feed Thru 11094A 75-ohm Feed Thru 11095A 600-ohm Feed Thru

Precision feed-thru termination with male and female connectors. HP 11048B, \$10; HP 11094A, \$10; HP 11095A, \$10.