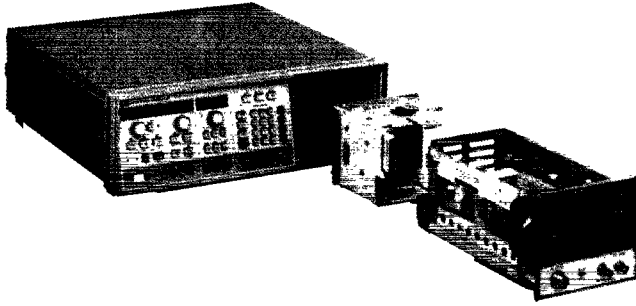


# SWEEPERS

## HP 8350 Series: RF Plug-Ins



### HP 11869A Adapter

The HP 11869A adapter provides the electrical and mechanical interface between the HP 8350 and 86200 Series plug-ins. All of the HP 8350's standard operating features, including HP-IB remote programming, are available. However, specific plug-in functions (output power level, RF on/off, and so on) cannot be controlled or remotely programmed by the HP 8350 mainframe.

See page 473 for HP 86200 Series plug-in specifications.

### Plug-Ins Compatible with The HP 11869A Adapter

The HP 11869A adapter attaches to the back of the HP 86200 Series plug-in and is equipped with a switch for setting the specific interface code for the plug-in being used.

The following plug-ins will operate in the HP 8350 by using the HP 11869A:

HP 86220A <sup>1,2</sup>	HP 86240A/B <sup>2</sup> /C	HP 86250A <sup>1,2</sup> /B <sup>1,2</sup> /C <sup>2</sup> /D
HP 86222A/B	HP 86241A <sup>1,2</sup>	HP 86251A <sup>2,3</sup>
HP 86230B <sup>1,2</sup>	HP 86242A <sup>1</sup> /C/D <sup>2</sup>	HP 86260A <sup>1</sup> /B <sup>1,3</sup> /C <sup>1,2,3</sup>
HP 86235A	HP 86245A	HP 86290A <sup>2</sup> /B/C

### Ordering Information

<b>HP 11869A Adapter</b>	<b>Price</b>
	\$800
<b>Opt 004</b> Extension cables for plug-ins with rear-panel RF output	+ \$200
<b>Opt 006</b> Type N aux out interface connector for HP 86251A and 86290A <sup>2</sup> /B/C	+ \$200
<b>Opt W30</b> Extended repair service (see page 671)	+ \$45

<sup>1</sup>Not compatible with 27.8-kHz square wave modulation.

<sup>2</sup>Models HP 86220A, 86230B, 86290A, 86250A/B/C, 86242A/C/D, 86240B, 86241A, 86251A, and 86260C are obsolete.

<sup>3</sup>Requires a special PROM for the HP 11869A, which is shipped with every HP 86251A and 86260 B/C.

### RF Plug-In Summary

	HP Model Number	Frequency Range (GHz)	Leveled Power Output	CW Frequency Accuracy (MHz)	Complete Specifications on Page
<b>Broad-Band Plug-Ins</b>	HP 83599A	0.01 to 50	10 mW/1mW <sup>1</sup>	± 25	471
	HP 83598A	2.4 to 50	10 mW/1 mW <sup>1</sup>	± 25	471
	HP 83597B	0.01 to 40	10 mW/2 mW <sup>1</sup>	± 20	471
	HP 83596B	2.4 to 40	10 mW/2 mW <sup>1</sup>	± 20	471
	HP 83595A	0.01 to 26.5	2.5 mW	± 12	469
	HP 83595C	0.01 to 26.5	20 mW/10mW <sup>2</sup>	± 12	469
	HP 83594A	2 to 26.5	2.5 mW	± 12	469
	HP 83592A/B	0.01 to 20	20 mW/10 mW <sup>2</sup>	± 10	469
	HP 83592C	0.01 to 20	4 mW/2.5 mW <sup>3</sup>	± 10	469
	HP 83590A	2 to 20	10 mW	± 10	469
	HP 83525A/B	0.01 to 8.4	20 mW/10 mW	± 15/12	472
	HP 83522A	0.01 to 2.4	20 mW	± 5	472
	HP 86222A/B	0.01 to 2.4	20 mW	± 10	473
	HP 86290B	2 to 18.6	10 mW	± 30	473
HP 86290C	2 to 18.6	20 mW	± 30	473	
<b>Straddle-Band Plug-Ins</b>	HP 83540A/B	2 to 8.4	40 mW/20 mW	± 12	472
	HP 86240A	2 to 8.4	40 mW	± 25	473
	HP 86240C	3.6 to 8.6	40 mW	± 25	473
	HP 83550A	8.0 to 20.0	100 mW/63 mW <sup>4</sup>	± 20	473
<b>Single-Band Plug-Ins</b>	HP 86235A	1.7 to 4.3	40 mW	± 20	473
	HP 83545A	5.9 to 12.4	50 mW	± 20	472
	HP 86245A	5.9 to 12.4	50 mW	± 40	473
	HP 86250D	8.0 to 12.4	10 mW	± 40	473
	HP 86260B	10 to 15.5	10 mW	± 50	473
	HP 86260A	12.4 to 18	10 mW	± 50	473
	HP 83570A	18 to 26.5	10 mW	± 30	472
	HP 83572C	26.5 to 40	4 mW (Opt 001)	± 100	472

Note: The HP 11869A adapter is required to interface HP 86200 Series plug-ins with the HP 8350B mainframe.

<sup>1</sup> HP 83599A/83598A and HP 83597B/83596B: 10 mW to 20 GHz.

<sup>2</sup> 20 mW to 18 GHz (HP 83592B) and 20 mW to 20 GHz (HP 83595C).

<sup>3</sup> HP 83592C: 4 mW to 18.6 GHz.

<sup>4</sup> HP 83550A: 100 mW to 18.6 GHz.