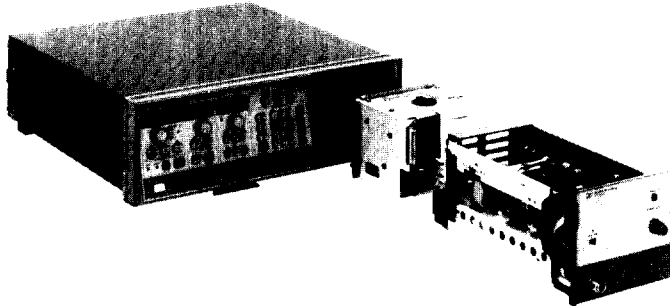


# SWEEP OSCILLATORS

## Model 8350 Series: RF Plug-Ins



### 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/C	HP 86250A <sup>1</sup> /B <sup>1</sup> /C/D <sup>2</sup>
HP 86222A/B	HP 86241A <sup>1</sup>	HP 86251A <sup>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>3</sup> /C <sup>3</sup>
HP 86235A	HP 86245A	HP 86290A <sup>2</sup> /B/C

### 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, etc.) cannot be controlled or remotely programmed by the HP 8350 mainframe.

See page 405 for HP 86200 series plug-in specifications.

### Ordering Information

#### HP 11869A Adapter

**Price**

\$700

#### Options

**004:** Extension Cables for Plug-ins with Rear Panel RF Output add \$200

**006:** Type N Aux Out Interface Connector for HP 86251A and 86290A<sup>2</sup>/B/C add \$200

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

<sup>2</sup> Models HP 86230B, 86290A, 86250A/B/C, and 86242A/C are obsolete. However, existing models can interface to HP 8350B mainframe via the HP 11869A adapter.

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

### RF Plug-in Summary

	HP Model number	Frequency range (GHz)	Leveled power output	Frequency accuracy (MHz)	Complete specifications on page
<b>Broad-band Plug-ins</b>	83597A	0.01-40	1 mW	±20	401
	83596A	2.4-40	1 mW	±20	401
	83595A	0.01-26.5	2.5 mW	±12	399
	83594A	2-26.5	2.5 mW	±12	399
	83592A/B	0.01-20	10 mW/20 mW*	±10	399
	83592C	0.01-20	4 mW	±10	399
	83590A	2-20	10 mW	±10	399
	83525A/B	0.01-8.4	20 mW/10 mW	±12	402
	83522A	0.01-2.4	20 mW	±5	402
	86222A/B	0.01-2.4	20 mW	±10	405
<b>Straddle-band Plug-ins</b>	86290B	2-18.6	10 mW	±30	405
	86290C	2-18.6	20 mW	±30	405
	83540A/B	2-8.4	40 mW/20 mW	±12	402
	86240A	2-8.4	40 mW	±20	405
	86240B	2-8.4	20 mW	±20	405
	86240C	3.6-8.6	40 mW	±20	405
<b>Single-band Plug-ins</b>	86251A	7.5-18.6	10 mW	±20	405
	83550A	8.0-20.0	100 mW/63 mW**	±20	402
	86235A	1.7-4.3	40 mW	±20	405
	86241A	3.2-6.5	5 mW	±30	405
	86242D	5.9-9	10 mW	±35	405
	83545A	5.9-12.4	50 mW	±20	402
	86245A	5.9-12.4	50 mW	±40	405
	86250D	8.0-12.4	10 mW	±40	405
	86260B	10-15.5	10 mW	±50	405
	86260A	12.4-18	10 mW	±50	405
	86260C	17-22	10 mW	±50	405
	83570A	18-26.5	10 mW	±30	402
83572A	26.5-40	1.6 mW (Opt 001)	±100	402	
83572B	26.5-40	4 mW (Opt 001)	±100	402	

NOTE: The HP 11869A Adapter is required to interface HP 86200 series plug-ins with the HP 8350B mainframe.

\*HP 83592B: 20 mW to 18.6 GHz.

\*\*HP 83550A: 100 mW to 18.6 GHz.