

# NETWORK ANALYZERS

## Accessories (cont'd)

### HP 8753C Series

#### HP 85032B 50 $\Omega$ Type N Calibration Kit

The HP 85032B Calibration Kit contains precision 50  $\Omega$  Type N standards used to calibrate the HP 8753C and its 50  $\Omega$  test sets for measurement of devices with 50  $\Omega$  Type N connectors. Precision phase-matched 7 mm to 50  $\Omega$  Type N adapters are included for accurate measurements of non-insertable devices. Standards include fixed terminations, open circuits, and short circuits.

Option 001 is intended solely for use with the HP8752A network analyzer. Option 001 removes the precision phase-matched 7 mm to Type N adapters.

#### HP 85033C 3.5 mm Calibration Kit

The HP 85033C Calibration Kit contains precision 3.5 mm standards used to calibrate the HP 8753C and its 50  $\Omega$  test sets for measurement of devices with 3.5 mm and SMA connectors. Standards include fixed terminations, open circuits, and short circuits. Precision 7 mm to 3.5 mm adapters are included for accurate measurements of non-insertable devices.

Option 001 is intended solely for use with the HP 8752A network analyzer. Option 001 removes the precision phase-matched 7 mm to 3.5 mm adapters.

#### HP 85036B 75 $\Omega$ Type N Calibration Kit

The HP 85036B Calibration Kit contains precision 75  $\Omega$  Type N standards used to calibrate the HP 8753C and its 75  $\Omega$  test sets for measurement of devices with 75  $\Omega$  Type N connectors. Standards include fixed terminations, open circuits, and short circuits. Precision phase-matched adapters are included for accurate measurements of non-insertable devices.

#### Verification Kits

Measuring known devices, other than the calibration standards, is a convenient way of verifying that the HP 8753C measurement system is operating properly.

#### HP 85029B 7 mm Verification Kit

The HP 85029B Verification Kit contains a set of precision 7 mm devices, with data traceable to NIST, used to verify the calibrated performance of an HP 8753C measurement system. The devices have precision 7 mm connectors and include a 20 dB pad, a 50 dB pad, and a mismatch attenuator. The verification process requires only an HP 85031B calibration kit, an HP 85029B verification kit, and an external 3.5-inch disk drive connected to the HP 8753C.

Option 001 is intended solely for use with the HP 8702B Lightwave Component Analyzer. Option 001 adds verification data that is compatible with the HP 8702B.

#### Software

Software operates with a BASIC operating system, using an HP Series 300/400 computer (2 MB of memory required).

#### HP 85160A Measurement Automation Software

Measurement automation software simplifies device measurements by providing guided measurements, limit testing, sequencing to test all four S-parameters, data formatting flexibility (data files can be formatted to be compatible with Touchstone® linear circuit simulation programs), and complete save/recall capability to a floppy disk. After it is configured, you simply recall a test file and calibration data, connect the device under test, and output the results.

#### HP 85165A Resonator Measurement Software

Resonator measurement software performs complete characterization of crystals, SAWs, and other resonant devices using the HP 8753C. The software guides the user through the measurement process and calculates key parameters of the device under test according to the EIA-512 resonator measurement standard.

#### Systems

Two measurement systems are available that will increase measurement efficiency in research and development and production.

#### HP 8753C Option E02 S-Parameter/Noise Figure Measurement System

Combining the capabilities of the HP 8753C Network Analyzer, the HP 8970B Noise Figure Meter, and a specially designed S-Parameter Test Set, this system allows your key amplifier measurements of gain, phase/linearity, and noise figure to be made through a single RF test port connection.

#### HP 8753C Option E20 Frequency Converter Measurement System

The HP 8753C Option E20 test system combines the capabilities of the HP 8753C Network Analyzer and a specially designed test set to characterize frequency converter performances with a single RF connection. Make measurements of:

- Conversion loss
- Compression
- Group delay
- Amplitude/phase tracking
- RF and IF port SWR
- IO feedthrough
- Isolation (RF/IF and IF/RF)
- Output power

#### Ordering Information

	Price
<b>HP 8753C</b> Network Analyzer	\$26,500
<b>Opt 002</b> Harmonic Measurement Capability	+ \$3,500
<b>Opt 006</b> 6 GHz Receiver Option	+ \$3,500
<b>Opt 010</b> Time Domain Capability	+ \$5,300
<b>Opt 802</b> Add Dual Disk Drive and Cable	+ \$1,745
<b>Opt 908</b> Rack Mount Kit (w/o handles 5062-3978)	+ \$35
<b>Opt 910</b> Extra Manual (08753-90153)	+ \$150
<b>Opt 913</b> Rack Mount Kit (w/handles 5062-4072)	+ \$40
<b>Opt E02</b> S-Parameter-Noise Figure Measurement System	+ \$37,650
<b>Opt E20</b> Frequency Connector Measurement System	+ \$40,115
<b>HP 85047A</b> 50 $\Omega$ S-Parameter Test Set—6 GHz	\$10,800
<b>Opt 009</b> Mechanical Test Port Switch	- \$1,000
<b>Opt 913</b> Rack Mount Kit (5062-4069)	+ \$40
<b>HP 85046A</b> 50 $\Omega$ S-Parameter Test Set—3 GHz	\$9,000
<b>Opt 009</b> Mechanical Test Port Switch	- \$1,000
<b>Opt 913</b> Rack Mount Kit (5062-4069)	+ \$40
<b>HP 85046B</b> 75 $\Omega$ S-Parameter Test Set—3 GHz	\$9,000
<b>Opt 009</b> Mechanical Test Port Switch	- \$1,000
<b>Opt 913</b> Rack Mount Kit (5062-4069)	+ \$40
<b>HP 85044A</b> 50 $\Omega$ Transmission/Reflection Test Set	\$3,200
<b>HP 85044B</b> 75 $\Omega$ Transmission/Reflection Test Set	\$3,700
<b>HP 85029B</b> Precision 7 mm Verification Kit	\$1,600
<b>Opt 001</b> Data for HP 8702B	\$0
<b>HP 85031B</b> Precision 7 mm Calibration Kit	\$1,200
<b>HP 85032B</b> 50 $\Omega$ Type N Calibration Kit	\$1,600
<b>Opt 001</b> Deletes 7 mm to Type N adapters	- \$500
<b>HP 85033C</b> Precision 3.5 mm Calibration Kit	+ \$2,500
<b>Opt 001</b> Deletes 7 mm to 3.5 mm adapters	- \$500
<b>HP 85036B</b> 75 $\Omega$ Type Calibration Kit	\$2,000
<b>HP 85043B</b> Systems Rack	\$3,200
<b>HP 85160A</b> Measurement Automation Software	\$1,550
<b>HP 85165A</b> Resonator Measurement Software	\$5,000
<b>HP 11882A</b> Upgrade Kit for HP 8753A	\$3,400
<b>HP 11883A</b> Harmonic Measurements (Opt 002) Upgrade	\$3,500
<b>HP 11884A</b> 6 GHz Receiver (Opt 006) Upgrade	\$3,500
<b>HP 85019A</b> Time Domain (Opt 010) Upgrade (HP 8753A)	\$5,300
<b>HP 85019B</b> Time Domain (Opt 010) Upgrade (HP8753B/C)	\$5,300
<b>HP 86388A</b> Upgrade Kit for HP 8753B (Rev. 3.00)	\$300
<b>HP 86389A</b> Solid-State Switch Upgrade Kit (for HP 85046A/B test sets)	\$1,500
<b>HP 86389B</b> Solid-State Switch Upgrade Kit (for HP85047A test sets)	\$1,500
<b>HP 11850C</b> 50 $\Omega$ Power Splitter	\$950
<b>HP 11850D</b> 75 $\Omega$ Power Splitter	\$1,500
<b>HP 11851B</b> 50 $\Omega$ /Type N RF Cable Kit	\$950
<b>HP 11852B</b> 50 $\Omega$ /75 $\Omega$ Minimum Loss Pad	\$400
<b>HP 11853A</b> 50 $\Omega$ Type N Accessory Kit	\$400
<b>HP 11854A</b> 50 $\Omega$ BNC Accessory Kit	\$400
<b>HP 11855A</b> 75 $\Omega$ Type N Accessory Kit	\$500
<b>HP 11856A</b> 75 $\Omega$ BNC Accessory Kit	\$500
<b>HP 11857B</b> 75 $\Omega$ Type N Test Port Extension Cables	\$1,455
<b>HP 11857D</b> 50 $\Omega$ APC-7 Test Port Extension Cables	\$1,050
<b>HP 11600B/11602B</b> Transistor Fixtures	\$1,800
<b>HP 11858A</b> Transistor Fixture Adapter	\$980

☎ For off-the-shelf shipment, call 800-452-4844.