

NETWORK ANALYZERS

Accessories (cont'd)

HP 8753C Series

HP 85032B 50 Ω Type N Calibration Kit

The HP 85032B Calibration Kit contains precision 50 Ω Type N standards used to calibrate the HP 8753C and its 50 Ω test sets for measurement of devices with 50 Ω Type N connectors. Precision phase-matched 7 mm to 50 Ω 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 Ω 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 Ω Type N Calibration Kit

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

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