HP 8753ES
HP 8753ET
Accessories

NEW

Type-N Accessory Kits

Each kit contains a type-N (female) short, a type-N (male) short, two type-N (male) barrels, two type-N (female) barrels, and a storage case.

HP 11853A 50-ohm Type-N Accessory Kit
Accessory kit furnishes components for measurement of devices with 50-ohm type-N connectors.

HP 11855A 75-ohm Type-N Accessory Kit
Accessory kit furnishes components for measurement of devices with 75-ohm type-N connectors. This kit also contains a 75-ohm type-N (male) termination.

BNC Accessory Kits

The BNC accessory kit contains two type-N (male) to BNC (female) adapters, two type-N (male) to BNC (male) adapters, two type-N (female) to BNC (female) adapters, two type-N (female) to BNC (male) adapters, a BNC (male) short, and a storage case.

HP 11854A 50-ohm BNC Accessory Kit
Accessory kit furnishes components for measurement of devices with 50-ohm BNC connectors.

HP 11856A 75-ohm BNC Accessory Kit
Accessory kit furnishes components for measurement of devices with 75-ohm BNC connectors. This kit also contains a 75 ohm BNC (male) termination.

7-16 Adapter Kits

The HP 11906 family adapter kits.

HP 11906A 7-16 to 7-16 Adapter Kit

Accessory kit contains:	quantity
7-16 male to male adapter	1
7-16 female to female adapter	1
7-16 male to female adapter	2

HP 11906B 7-16 to 50-ohm type-N Adapter Kit

Accessory kit contains:	quantity
Type-N male to 7-16 male adapter	1
Type-N female to 7-16 female adapter	1
Type-N female to 7-16 male adapter	1
Type-N male to 7-16 female adapter	1

HP 11906C 7-16 to 7-mm Adapter Kit

Accessory kit contains:	quantity
7-mm to 7-16 male adapter	2
7-mm to 7-16 female adapter	2

HP 11906D 7-16 to 3.5-mm Adapter Kit

Accessory kit contains:	quantity
3.5-mm male to 7-16 male adapter	1
3.5-mm female to 7-16 female adapter	1
3.5-mm female to 7-16 male adapter	1
3.5-mm male to 7-16 female adapter	1

Test Port Cables

HP 11857D 50-ohm APC-7 Test Port Cables
The HP 11857D includes two precision 61-cm (24-in) cables, phase matched to 2° at 1.3 GHz for use with the HP 8753D/E, 85046A or 85047A S-parameter test sets. Connectors are 50-ohm APC-7.

HP 11857B 75-ohm Type-N Test Port Cables
The HP 11857B includes two precision 61-cm (24-in) cables, phase matched to 2° at 1.3 GHz for use with the HP 8753D/E Option-075 or HP 85046B S-parameter test set. One cable has 75 type-N (male) connectors on both ends; the other has one type-N (male) and one type-N (female) connector.

Transit Cases

HP offers a complete line of sturdy transit cases that protect your instrument from shock, vibration, moisture, impact, and contamination, providing a secure enclosure for shipping. Model 9211-2657 fits the HP 8753ET/ES.

Calibration Kits

The calibration kits in the HP 8753 family contain precision standards used in accuracy enhancement procedures to characterize the systematic errors of an HP 8753 measurement system. Option 001 removes the 7-mm adapters included in certain kits, which are not necessary for use with an HP 8753ET.

HP 85031B 7-mm Calibration Kit
The HP 85031B calibration kit contains a set of precision 7-mm fixed terminations, and a one-piece open/short circuit used to calibrate the HP 8753 and its 50-ohm test sets for measurement of devices with precision 7-mm connectors. This kit is specified from 300 kHz to 6 GHz.

HP 85032B 50-ohm Type-N Calibration Kit
The HP 85032B calibration kit contains precision 50-ohm type-N Standards. Precision phase-matched 7-mm to 50-ohm type-N adapters are included for accurate measurements of non-insertable devices. Standards include fixed terminations, open circuits, and short circuits in both sexes. This kit is specified from dc to 6 GHz. Option 001 removes the precision phase-matched 7 mm to type-N adapters.

HP 85032E 50-ohm Type-N Economy Calibration Kit
The HP 85032E calibration kit contains a type-N (m) fixed termination and a one-piece type-N (m) open/short circuit. This kit is specified from dc to 6 GHz.

HP 85033D 3.5-mm Calibration Kit
The HP 85033D calibration kit contains fixed loads and open and short circuits in both sexes to calibrate the HP 8753 and 50-ohm test sets for measurement of devices with precision 3.5-mm and SMA connectors. Phase-matched 7-mm to 3.5-mm adapters for male and female connectors are included for use with 7-mm test port cables. This kit is specified from dc to 6 GHz. Option 001 removes the precision phase-matched 7 mm to 3.5 mm adapters.

HP 85036B 75-ohm Type-N Calibration Kit
The HP 85036B calibration kit contains precision 75-ohm type-N standards used to calibrate the HP 8753 and its 75-ohm test sets for measurement of devices with 75 type-N connectors. Standards include fixed terminations, open circuits, and short circuits in both sexes. Precision phase-matched adapters are included for accurate measurements of non-insertable devices. This kit is specified from dc to 3 GHz.

HP 85039B Type-F Calibration Kit
The HP 85039B contains 75-ohm type-F calibration standards, both male and female, to calibrate the HP 8753 for measurements of common broadband and CATV components. Standards include a fixed load, open circuit, and short circuit. The following adapters are also included: type-F (f-f), type-F (m-m), type-N (f) to type-F (m) and type-N (m) to type-F (f). A male set of standards (fixed load, open, short) and (m-m) adapter can be ordered as HP 85039B Option 00M and a female set as HP 85039B Option 00F.

Additional type-F adapters available: type-F (m) to type-N (m) (85039-60010), type-F (m) to type-F (f) (85039-60012), and type-F (f) to type-N (f) (85039-60014).

HP 85038A 50-ohm 7-16 Calibration Kit
The HP 85038A calibration kit contains precision 50-ohm 7-16 standards used to calibrate the HP 8753 for measurement of devices with 7-16 connectors. Standards include fixed terminations, open circuits, and short circuits in both sexes. Adapters are no included with the HP 85038A. This kit is specified from dc to 7.5 GHz, the HP 11906 series adapter kits are available for 7-16 to 50 Ohm type-N, 7-16 to 7 mm, and 7-16 to 3.5-mm. An economy kit containing only the female standards can be ordered as HP 85038F, and a kit with the male standards can be ordered as HP 85038M.

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Network Analyzers

HP 85090 Series Electronic Calibration System

Electronic calibration (ECal) replaces the usual calibration kit standards with a solid-state calibration module. The module is controlled by PC software to present different impedances to the test ports. A full two-port calibration can be done with a single connection in just a few minutes, with less chance for error and less wear on connectors.

An ECal system requires an external PC (not supplied), an HP 85097A PC interface kit and one of these calibration modules: HP 85091A 7-mm, HP 85092A 50Ω type-N, HP 85093A 3.5-mm, HP 85096A 75Ω type-N, HP 85098A 7-16, or HP 85099A type-F. These modules may be configured with male and female ports, 2 male ports, or 2 female ports (except for HP 85091A).. The HP 85097A includes software for Windows 95 and NT 4.0 systems, and it is compatible with the HP 8753C/D/E/ES.

Verification Kits

Measuring known devices, other than the calibration standards, is a convenient way of verifying that the HP 8753 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 8753A/B/C/D/E/ES 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 and an HP 85029B verification kit. 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.

Ordering Information

HP 8753 ET Network Analyzer, 300 kHz to 3 GHz
50Ω Type-N test ports.
    Opt 002 Harmonic Measurement Capability
    Opt 004 Built-in Step Attenuator
    Opt 006 6 GHz Frequency Extension
    Opt 010 Time-Domain Capability
    Opt 1D5 High-Stability Frequency Reference
HP 8753ES Network Analyzer, 30 kHz to 3 GHz
50Ω 7-mm test ports.
    Opt 002 Harmonic Measurement Capability
    Opt 006 6 GHz Frequency Extension
    Opt 010 Time-Domain Capability
    Opt 011 Delete Built-in Test Set
    Opt 014 Configurable Test Set
    Opt 075 75Ω Impedance
    Opt 1D5 High-Stability Frequency Reference
HP 85047A 50Ω S-Parameter Test Set, 6 GHz
    Opt 009 Mechanical Test Port Switch
    Opt 913 Rackmount Kit (5062-4069)
HP 85046A 50Ω S-Parameter Test Set, 3 GHz
    Opt 009 Mechanical Test Port Switch
    Opt 913 Rackmount Kit (5062-4069)
HP 85046B 75Ω S-Parameter Test Set—300 kHz–2 GHz
    Opt 009 Mechanical Test Port Switch
    Opt 913 Rackmount Kit (5062-4069)
HP 85029B Precision 7-mm Verification Kit
    Opt 001 Data for HP 8702B
HP 85031B Precision 7-mm Calibration Kit
HP 85032B 50Ω Type-N Calibration Kit
    Opt 001 Deletes 7 mm to Type-N Adapters

HP 85032E 50Ω Type-N Economy Calibration Kit
HP 85033D 3.5-mm Calibration Kit
    Opt 001 Deletes 7-mm to 3.5-mm Adapters
    Opt 002 Replaces 7-mm with Type-N Adapters
HP 85036B 75Ω Type-N Calibration Kit
HP 85038A 50Ω 7-16 Calibration Kit
HP 85038F 50Ω 7-16 Calibration Kit
HP 85038M 50Ω 7-16 Calibration Kit
HP 85039B Type-F Calibration Kit
    Opt 00F Female standards only
    Opt 00M Male standards only
HP 85091A 7-mm Electronic Calibration Module
HP 85092A Type-N Electronic Calibration Module
HP 85093A 3.5-mm Electronic Calibration Module
HP 85096A 75Ω Type-N Electronic Calibration Module
HP 85097A ECal PC Interface Kit
HP 85098A 7-16 Type-N Electronic Calibration Module
HP 85099A Type-F Electronic Calibration Module
HP 86205A 50Ω Bridge
HP 86207A 75Ω Bridge
HP 11850C 50Ω Power Splitter
HP 11850D 75Ω Power Splitter
HP 11851B 50Ω /Type-N RF Cable Kit
HP 11852B 50Ω /75Ω Minimum Loss Pad
HP 11853A 50Ω Type-N Accessory Kit
HP 11854A 50Ω BNC Accessory Kit
HP 11855A 75Ω Type-N Accessory Kit
HP 11856A 75Ω BNC Accessory Kit
HP 11857B 75Ω Type-N Test Port Extension Cables
HP 11857D 50Ω APC-7 Test Port Extension Cables
HP 11906A 50Ω 7-16 Accessory Kit
HP 11906B 50Ω 7-16 Accessory Kit
HP 11906C 50Ω 7-16 Accessory Kit
HP 11906D 50Ω 7-16 Accessory Kit
HP 11930A RF Limiter, APC-7
HP 11930B RF Limiter, Type-N
HP 8753ET Upgrade Kits
    Opt 002 Harmonic Measurements Upgrade
    Opt 004 Step Attenuator Upgrade
    Opt 006 6 GHz Upgrade for Standard Units
    Opt 010 Time-Domain Upgrade
    Opt 099 Firmware Upgrade Kit
    Opt 1D5 High-Stability Frequency Reference Upgrade
HP 8753ES Upgrade Kits
    Opt 002 Harmonic Measurements Upgrade
    Opt 006 6 GHz Upgrade for Standard Units
    Opt 010 Time-Domain Upgrade
    Opt 099 Firmware Upgrade Kit
    Opt 1D5 High-Stability Frequency Reference Upgrade
    Opt 611 6 GHz Upgrade for Option 011 Units
HP 8753DU Option 000 Processor Upgrade

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