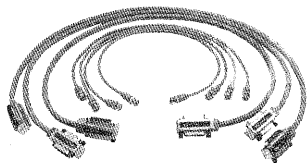
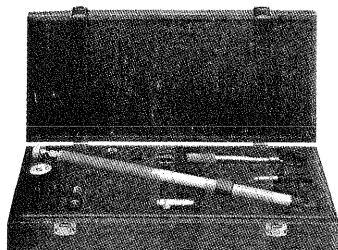


HP 11679A



HP 85022A



HP 85028A



HP 85023C

HP 11668A High Pass Filter

The HP 11668A high pass filter accessory is recommended when making measurements on active devices that have gain below 50 MHz. Use of the HP 11668A, placed after the HP 11665B, reduces the modulator drive feedthrough from 8 mV to 1 mV and prevents possible amplifier saturation. Use of the HP 11668A filter is not necessary for passive measurements since the feedthrough from the HP 11665B is -65 dBm and causes no degradation in system performance.

Frequency Range: 50 MHz to 18 GHz

	Insertion Loss	Return Loss
50 to 100 MHz	≤ 2.5 dB	≥ 12 dB
100 MHz to 8 GHz	≤ 1.0 dB	≥ 16 dB
8 to 12 GHz	≤ 1.0 dB	≥ 14 dB
12 to 18 GHz	≤ 1.5 dB	≥ 14 dB

Maximum Input: +27 dBm

Connectors: N-female, N-male

Weight: Net, 0.13 kg (5 oz); shipping, 0.28 kg (10 oz)

HP 11678A Low Pass Filter Kit

The HP 11678A low pass filter kit contains five filters. Low pass filters reduce harmonics generated by the RF source when making precision measurements.

Frequency Range (low pass filters, cutoff frequency fc)

HP 11688A: 2.8 GHz

HP 11689A: 4.4 GHz

HP 11684A: 6.8 GHz

HP 11685A: 9.5 GHz

HP 11686A: 13.0 GHz

Insertion Loss: < 1.1 dB at 0.95 fc

Rejection (at 1.25 fc): Greater than 40 dB

Impedance: 50 Ω normal

Connectors: N-Female, N-Male

Weight: Net, 0.44 kg (1 lb); shipping, 1.2 kg (2.9 lb)

HP 11679A/B Extension Cables

Function: These cables extend the distance between the scalar network analyzer and the detector or bridge to a maximum of 200 feet without degradation of performance.

HP 11679A: 7.6 m (25 ft) extension cable

HP 11679B: 61 m (200 ft) extension cable

HP 85023A/B/C/D/F Verification Kits

The HP 85023 Series system verification kits each contain a set of precision components used to perform a system verification procedure for the HP 8757 scalar network analyzer system. This procedure, which is in the HP 8757/56 Operating and Service Manuals, checks system installation and can be used as a daily functional test.

Choose a system verification kit to match your device under test. For 7 mm applications, select the HP 85023A. If you are measuring SMA or 3.5 mm devices, choose the HP 85023B. For 50 Ω , Type-N applications, select the HP 85023C. These kits (HP 85023A/B/C) all include an open, short, 10 dB fixed attenuator, 50 Ω termination, and a source to directional bridge adapter of the corresponding connector type. The HP 85023D verification kit, for 75 Ω Type-N measurements, consists of a short, a 75 Ω termination, a 50 Ω 10 dB fixed attenuator, and two HP 11852B 50 to 75 Ω minimum loss pads (for 50/75 Ω impedance conversion).

The HP 85023F verification kit includes 2.4 mm standards for verifying performance of the HP 8757 system to 50 GHz. Included are a 2.4 mm female open, short and 50 Ω load, a 10 dB attenuator, and female to female adapter.

Model	Frequency range	Connector type	Characteristic impedance
HP 85023A	dc to 18 GHz	7 mm	50 Ω
HP 85023B	dc to 26.5 GHz	3.5 mm	50 Ω
HP 85023C	dc to 18 GHz	Type-N	50 Ω
HP 85023D	dc to 1.3 GHz	Type-N	75 Ω
HP 85023F	dc to 50 GHz	2.4 mm	50 Ω

Weight: Net, 0.5 kg (1.2 lb); shipping, 1.2 kg (2.9 lb)

HP 85022A System Cable Kit

The HP 85022A contains all the BNC and HP-IB cables to connect an HP 8350B sweep oscillator (or the HP 8360 series, HP 8340B/41B synthesized sweepers), an HP Series 300 computer, and a printer to the HP 8757 or 8756. This kit contains 3 one-meter HP-IB cables (HP 10833A), 3 two-foot BNC (m-m) cables (HP 11170B), and 1 four-foot BNC (m-m) cable (HP 11170C).

BNC Impedance: 50 Ω

Weight: Net, 0.5 kg (1.2 lb); shipping, 1.2 kg (2.9 lb)

HP 85028A 7mm Directivity Verification Standards for HP 85021A/85027A

The HP 85028A allows on-site verification of the 40 dB directivity of the HP 85021A and 85027A directional bridges. For frequencies below 2 GHz, a precision 52 dB return loss load is used. For frequencies from 2 to 18 GHz, a sliding mismatch is used to establish a ripple pattern from which the directivity can be calculated. The HP 85028A includes a precision 50 Ω termination, a high-performance sliding mismatch, a 7 mm open/short, a 7 mm connector gage kit, and a torque wrench.

Weight: Net, 2.0 kg (4.5 lb); shipping, 3.5 kg (8.0 lb)

HP 8757C/D/E Upgrade Kits

Increase your analyzer's measurement capability and performance with an HP 8757 upgrade kit. Upgrade kits are available for the HP 8757C, 8757D, and 8757E.

The HP 86383A upgrade kit upgrades your HP 8757E to the HP 8757D. This kit adds a color display, measurement channels 3 and 4, external disk save/recall, up to 1601 measurement points, extended display range (up to +80 dBm), compatibility with the HP 85037 Series precision detectors, the ability to add the internal power calibrator, etc. Installation at an HP service center (return to HP) is also included with the kit.

The HP 86383B upgrade kit upgrades your HP 8757C to the HP 8757D. This kit adds front panel hardkeys for channels 3 and 4, extended display range (+80 dBm), compatibility with the HP 85037 Series precision detectors, the ability to add the internal power calibrator, etc. Installation is not included with this kit.

The HP 86383C upgrade kit allows you to add the fourth detector input to your HP 8757D (86383C Option 001) and/or the internal power calibrator (HP 86383C Option 002). Installation is not included with this kit.