System accessories, continued

Agilent 11679A/B extension cables

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.
11679A 7.6 m (25 ft) extension cable
11679B 61 m (200 ft) extension cable

Agilent 11665B modulator

Note: This product is no longer available. The 11665B modulator is only necessary when using the 8340/8341 series synthesizer.

The 11665B modulates test signals with the 27.8 kHz modulation drive signal from the scalar network analyzer.
Frequency range: 15 MHz to 18 GHz

Insertion loss and return loss

Frequency	Return loss	Insertion loss ON (+50 mA)	Insertion loss OFF (–50 mA)
15 MHz to 40 MHz	>10 dB	<7.0 dB	>35 dB
40 MHz to 4 GHz	>15 dB	<3.2 dB	>35 dB
4 GHz to 8 GHz	>12 dB	<3.8 dB	>40 dB
8 GHz to 12.4 GHz	>8 dB	<4.3 dB	>45 dB
12.4 GHz to 18 GHz	>8 dB	<5.0 dB	>45 dB

Maximum input: +24 dBm
Connectors: Input: Type-N (f), Output: Type-N (m)
Weight: Net: 0.17 kg (0.38 lbs), Shipping: 0.9 kg (2 lbs)

Agilent 85022A system cable kit

The 85022A contains the BNC and GPIB cables needed to connect a source to the 8757.

Contents

GPIB cable, 100 cm (3.3 ft.), 3 each
50 ohm BNC (m) cable, 61 cm (2 ft.), 3 each
50 ohm BNC (m) cable, 122 cm (4 ft.)
Weight: Net: 0.5 kg (1.2 lbs.), Shipping: 1.2 kg (2.9 lbs)

Agilent 11613B calibrator

The 11613B is a dedicated transfer standard for calibration of the 8757. The 11613B provides the standard, a 27.778 kHz source, and a series of precision attenuators. The calibrator includes software (3.5-inch format) that operates on an HP 9000 series 200 or 300 computer, the BASIC operating system (BASIC 3.0 or higher), or an external controller with HP BASIC for Windows 7.0 or higher. The software verifies (and adjusts if necessary) the internal calibration parameters stored in the nonvolatile memory of the 8757. All 8757 detector inputs can be calibrated in a matter of minutes. Recalibration of the 11613B is recommended every two years.

Memory requirement: 0.5 Mbyte

Outputs

The 5-pin cable (1.22 m) mates with the detector inputs of the 8757. The lines in this cable transfer the squarewave signal to the 8757, provide power for the 11613B (from the 8757 supply), and program the 11613B's internal attenuators.
Dimensions: 40 H x 185 W x 203 mm D
(1.5 x 7.3 x 8.0 in)
Cable length: 1.22 m (48 in)
Weight: Net: 0.91 kg (2 lbs), Shipping: 2.3 kg (5 lbs)