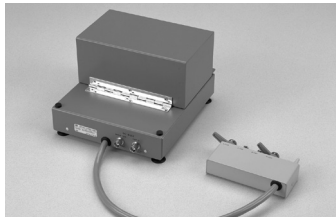


Up to 120 MHz (4-Terminal Pair): DC Bias Accessories

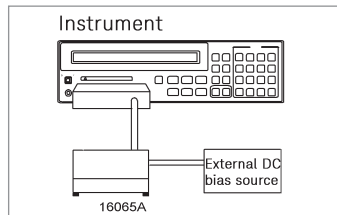
16065A 200 Vdc external voltage bias fixture



Terminal connector: 4-Terminal Pair, BNC
DUT connection: 4-Terminal
External bias input connector: High Voltage BNC(f)
Dimensions (approx.): 180 (W) x 120 (H) x 200 (D) [mm]
Cable length (approx.): 40 cm
Weight (approx.): 1500 g

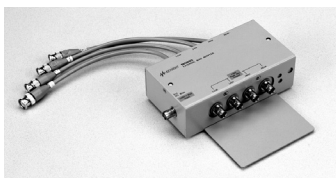


High Voltage BNC(f) connector for external bias input
 BNC(f) connector for voltage monitor output

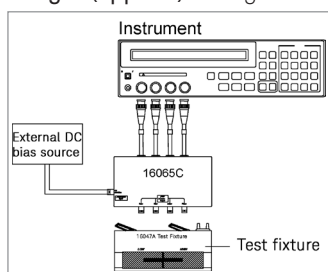


LCR meter with 16065A

16065C 40 Vdc external voltage bias adapter



Terminal connector: 4-Terminal Pair, BNC
External bias input connector: BNC(f)
Dimensions (approx.): 160 (W) x 50 (H) x 150 (D) [mm]
Cable length (approx.): 210 mm
Weight (approx.): 450 g



LCR meter with 16065C

Description: This test fixture makes it possible to measure a DUT with up to ± 200 V DC bias. The same modules of 16047A can be used to allow measurements of axial/radial lead components.

Applicable instruments: E4980A/AL, E4981A, E4990A

Frequency: 50 Hz to 2 MHz

Maximum DC bias: ± 200 V DC max. /15 V peak AC max.

Blocking capacitor of 5.6 μ F is connected in with the Hc terminal.

Operating temperature: 0 to 55°C

DUT Size: See the 16047A figure with module sizes.

Furnished accessories:

Description	P/N	Qty.
Module for axial lead	16061-70022	1
Module for radial lead mounting on fixture	16061-70021	1
Module for short radial lead	16047-65001	1
Shorting bar	16047-00640	1
Operating and service manual	16065-90011	1

Compensation and measurement: Open, short and load compensations are recommended before measurement. Short compensation is performed by shorting the contacts of the test fixture with a shorting plate as described for the 16047A. Load compensation is performed by inserting a known standard device. After performing open, short and load compensations, the DUT is connected to the test fixture.

Description: This adapter is designed to operate specifically with the E4981A and the E4980AL. By connecting an external DC voltage source to this adapter, a bias voltage of up to ± 40 V can be supplied to a DUT. The DUT can be inserted by connecting any direct attachment 4-Terminal Pair test fixture to the adapter.

Applicable instruments: E4981A and E4980AL

Frequency: 100 Hz to 1 MHz

Maximum DC bias: ± 42 V peak max. (AC+DC)

Blocking Capacitor of 100 μ F is connected in series with the Hc terminal.

Operating temperature: 0 to 55°C

Applicable fixtures: 16034E/G/H, 16047A/E, 16048A/D, 16089A/B/C

Furnished accessories:

Description	P/N	Qty.
Operating and service manual	16065-90020	1

Compensation and measurement: Open and short compensations are recommended before measurement. Short compensation is performed by shorting the contacts of the test fixture that is in use. After performing open and short compensations, the DUT is connected to the test fixture.

