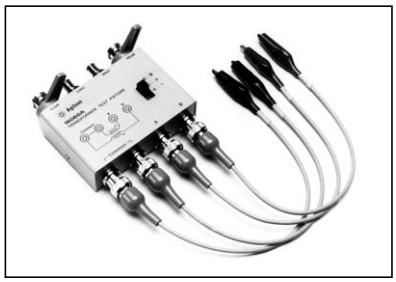
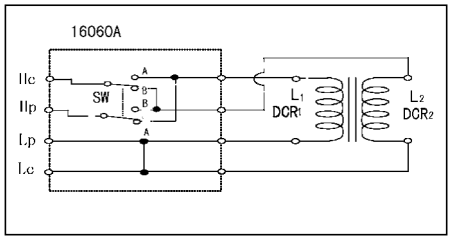
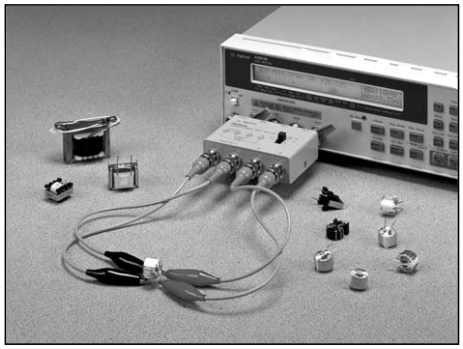
16060A Transformer Test Fixture



Terminal Connector: 4-Terminal Pair, BNC
DUT Connection:
2-Terminal for L measurement
3-Terminal for N, M measurement
See figure below for more information.



Dimensions (approx.):
90 (W) x 35 (H) x 90 (D) [mm]
Cable Length (approx.): 25cm
Weight (approx.): 300 g
Additional Error: The additional error is negligible when compared to the instrument's accuracy.

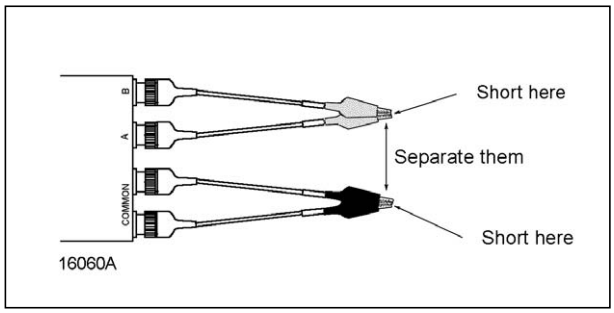


4263B with 16060A

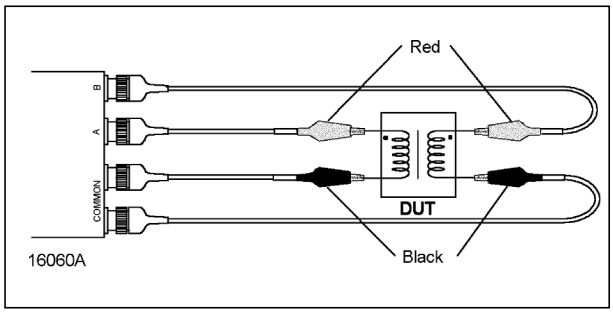
Description: This test fixture provides a convenient means of measuring a transformer's self-inductance, mutual inductance, turns-ratio, and DC resistance in the frequency range of DC to 100 kHz, as appropriate for each measurement.
Applicable Instruments: 4263B with Option 4263B-001
Frequency: DC to 100 kHz
Operating Temperature: 0°C to 55°C
DUT Size: The lead wire of the transformer should not have a diameter greater than 4 mm, otherwise the alligator clip will not be able to clamp onto it properly.
Furnished Accessories:

Description	P/N	Qty.
Test Leads (black), Alligator clip to BNC(m)	16060-61601	2
Test Leads (red), Alligator clip to BNC(m)	16060-61602	2
Operation and Service Manual	16060-90000	1

Compensation and Measurement: Open compensation is recommended before measurement. Open compensation is performed by connecting the alligator clips of "A" and "B" terminals together and separating them from the likewise connected alligator clips of the COMMON terminals. After performing open compensation, the transformer is connected to the test fixture. The "A" and "B" terminals are connected to the high terminals of the transformer. The COMMON terminals are connected to the low terminals of the transformer. The following figures show how compensation and measurement are performed.



Open compensation



Connecting a transformer