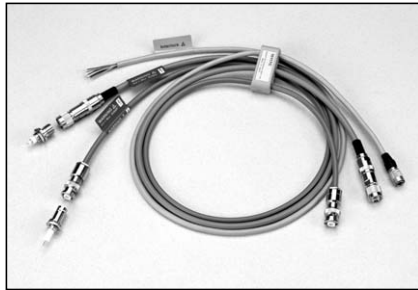


16117C Low Noise Test Leads



Terminal Connector:

Type	Connector
Input	Triaxial (special screw-type)
Output	High Voltage BNC (special type)
Control	Interlock connector*

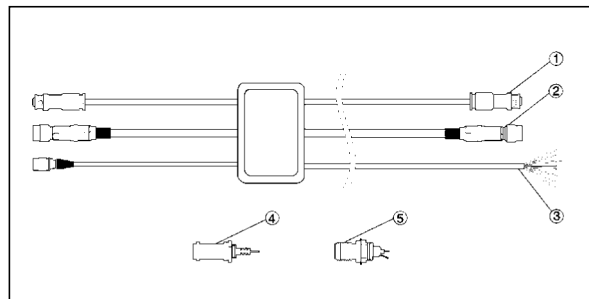
* Interlock connector enables and disables the application of source voltage from the measurement instrument.

DUT Connection: 2-Terminal (with triaxial cable)
Cable Length (approx.): 1 m (connector to connector)
Weight (approx.): 290 g

Description: The 16117C is designed to operate specifically with 4339B. It comes with a separate triaxial (special screw-type) female connector and a high-voltage BNC (special type) female connector, so that the terminal configuration of the 4339B can be converted to any other configuration. Therefore, custom-made test fixtures can easily be constructed.

Applicable Instruments: 4339B
Frequency: DC
Maximum Voltage: 1000 V
Maximum Current: 10 mA
Resistance Measurement Range: 1×10^3 to $1 \times 10^{16} \Omega$
Operating Temperature: 0°C to 55°C
Furnished Accessories:

Description	P/N	Qty.
Triaxial (special screw-type) female connector	1250-2228	1
High Voltage BNC (special type) female connector	1250-2317	1
Operation and Service Manual	16117-90041	1



Adapter features

1. High-voltage BNC cable. This connector provides the source voltage to the 16117C. This is a high-voltage BNC connector and is not compatible with standard BNC connectors.
2. Triaxial cable. The measured signal is carried on the center conductor of this connector. This is a special screw-type triaxial connector and is not compatible with standard triaxial connectors.
3. Interlock cable. This connector enables the interlock function which enables and disables the application of source voltage from the 4339B when the interlock line is connected and disconnected respectively.
4. High-voltage BNC (special type) female connector
5. Triaxial (special screw-type) female connector.

16117E Low Noise Test Leads



Terminal Connector: Triaxial (m)
Cable Length (approx.): 1 m (connector to connector)
Weight (approx.): 130 g

Description: The 16117E is designed to operate specifically with 4349B. It is used to connect the 4349B and the DUT. Hence, four 16117E test leads are required when using four channels of the 4349B. Its cable is equipped with triaxial connectors on both ends. It is also furnished with a triaxial female connector for connection with the DUT and external voltage source.

Applicable Instruments: 4349B
Frequency: DC
Maximum Voltage: 250 V
Operating Temperature: 0°C to 45°C
Furnished Accessories:

Description	P/N	Qty.
Triaxial female connector	1250-1906	1