KEYSIGHT TECHNOLOGIES (AGILENT HP)

16048A

The Keysight 16048A is a 1-meter 4-terminal pair BNC test lead set designed to extend the measurement port of LCR meters and impedance analyzers. It operates from DC to 30 MHz and comes with a BNC female connector board for mounting user-fabricated test fixtures.

SPECIFICATIONS

General

Interfaces	4-Terminal Pair BNC

Physical

Power Supply	Passive (no power supply required)
Operating Temperature	0 to 55 °C °C
Dimensions (W×H×D)	1000 mm (cable length) mm
Weight	0.315 kg

General Classification

Product Category	Test Leads
Lead Configuration Type	4-Terminal Pair (4TP)
Target Application	Impedance and LCR measurements up to 30 MHz
Primary Compatible Instruments	Keysight E4980A, E4980AL, E4990A, 4294A, 4263B, 4284A, 4285A
Number of Conductors	4 coaxial cables
Guarding Support	Yes
Kelvin Connection (4-Wire) Capability	Yes (4-Terminal Pair)

Electrical Specifications

Maximum Rated Voltage	42 V peak max (AC+DC)
Frequency Range	DC to 30 MHz
Residual Resistance	<= 15 mOhm
Residual Inductance	<= 80 nH
Residual Capacitance (Lead-to-Lead)	<= 2.0 pF
Measurement Configuration	Four-Terminal Pair (4TP)
Cable Characteristic Impedance	50 Ω nominal

Mechanical & Material Specifications

Cable Length	1 m

Connectors & Terminations

Instrument-side Connector Type	BNC male (x4)
DUT-side Connector Type	BNC male (x4)

Accessories & Configurations

Included Accessories	BNC female connector board (4 x BNC female to terminal board)

TECHNOLOGY

4-Terminal Pair (4TP) Shielded Coaxial

APPLICATIONS

LCR and Impedance Measurements

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.