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Data Sheet

August 12, 2026

KEITHLEY

Keithley 2657A-LIM-3 – Low Interconnect Module

The Keithley 2657A-LIM-3 Low Interconnect Module is a specialized interface accessory that connects the Keithley 2657A High Power System SourceMeter to external test setups for low-current measurement applications. It minimizes noise and leakage currents to preserve signal integrity during sensitive characterization of devices requiring high precision at nanoampere and picoampere levels. **Compatibility & Integration** This module integrates exclusively with the Keithley 2657A High Power System SourceMeter, providing the low-noise interconnect infrastructure required for measurements where signal fidelity and leakage minimization are critical. Aumictech offers NIST-traceable calibration and repair for the Keithley 2657A-LIM-3. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Keithley 2657A



MODEL

Keithley 2657A-LIM-3

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2657A-LIM-3

LISTING

<https://aumictechlabs.com/products/2657a-lim-3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2657A-LIM-3 Low Interconnect Module is a specialized interface accessory that connects the Keithley 2657A High Power System SourceMeter to external test setups for low-current measurement applications. It minimizes noise and leakage currents to preserve signal integrity during sensitive characterization of devices requiring high precision at nanoampere and picoampere levels. **Technical Specifications** Low-current measurement capability optimized for

nanoampere (nA) and picoampere (pA) ranges Integrated shielding to reduce electromagnetic interference (EMI) and radio frequency interference (RFI) pickup Guard connections to minimize surface leakage currents across insulators Minimal internal resistance contribution to overall test circuit Low-noise, shielded coaxial connectors for Source, Sense, and Guard connections to device under test (DUT) Binding posts for external test fixture and cable connections solid grounding provisions to establish stable reference potential and minimize ground loop noiseKey Features Direct mating interface with Keithley 2657A High Power System SourceMeter Low-leakage signal path architecture for ultra-low current measurements Compact module form factor designed for laboratory and production environments Durable construction suitable for secure mounting to the Keithley 2657A Guarded measurement architecture for enhanced accuracyTypical Applications Semiconductor device characterization including isolation leakage and gate leakage measurements Sensor testing and evaluation Low-power component analysisCompatibility & Integration This module integrates exclusively with the Keithley 2657A High Power System SourceMeter, providing the low-noise interconnect infrastructure required for measurements where signal fidelity and leakage minimization are critical.

Features & description

From manufacturer datasheet

Features

- Accessory for Model 2657A High Voltage SourceMeter
- Function: low interconnect / interlock module
- Voltage class: supports up to 3000 V HV pathways (2657A / 8020 ecosystem)
- Connectors: high-voltage triaxial and interlock interfaces (module-dependent)
- Role: consolidate interlock and HV cabling rather than act as a source

Applications

- Single-point interlock connection for HV SourceMeter systems
- Interconnect between 2657A and high-voltage fixtures / 8020 panels
- Safer multi-instrument HV test wiring

2657ALIM Characteristics / Specifications

PARAMETER	VALUE
Model	2657A-LIM-3
Manufacturer	Keithley
Instrument Type	Low Interconnect / Interlock Module
Alias	2657A-LIM-3; Keithley 2657A-LIM-3
Host	2657A
Voltage class	supports up to 3000 V HV pathways (2657A / 8020 ecosystem)
Function	interconnect / interlock Notes Detailed pinout tables vary by revision—confirm labels and cable set on the unit. Electrical force/measure limits belong on the 2657A datasheet.
Connectors	high-voltage triaxial and interlock interfaces (module-dependent)
Role	consolidate interlock and HV cabling rather than act as a source

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	2657A-LIM-3
Manufacturer	Keithley
Instrument Type	Low Interconnect / Interlock Module
Alias	2657A-LIM-3; Keithley 2657A-LIM-3

Specifications

PARAMETER	VALUE
Host	2657A
Voltage class	up to 3000 V
Function	interconnect / interlock

Notes
Detailed pinout tables vary by revision—confirm labels and cable set on the unit. Electrical force/measure limits belong on the 2657A datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.