

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

KEITHLEY

Keithley 7011-MTC-2 Mass Terminated Cable Assembly

Keithley Power Supply Accessories. Current: ** 1 A (per continuity), Voltage: ** 200 V peak (pin-to-pin or pin-to-shield).



MODEL

Keithley 7011-MTC-2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

7011-MTC-2

LISTING

<https://aumictechlabs.com/products/7011-mtc-2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 7011-MTC-2 is a 2-meter mass-terminated cable assembly that connects Keithley switching cards, mainframes, and test fixtures through dual 96-pin female DIN connectors. Built with twisted-pair conductors (45 configuration) and shielded construction, this cable delivers reliable signal routing for automated test systems and measurement applications requiring high isolation and low crosstalk. Technical Specifications Length: 2 meters (6.6 feet) Connectors: Two 96-pin female DIN connectors; gold contact material Cable Construction: Twisted pair (45 configuration), braided shield, round jacket Wire Gauge: 24–26 AWG Maximum Current: 1 A (per continuity) Maximum Working Voltage: 200 V peak (pin-to-pin or pin-to-shield) Path Resistance: $10^9 \Omega$ at 100 V DC (pin-to-pin and pin-to-shield) Capacitance (typical): Path 10 pF, shield-to-chassis 50 pF, differential 175 pF, common mode 175 pF Weight: Approximately 3.00 lbs Color: Black Key Features Gold-plated DIN connectors ensure stable, low-resistance mating across

multiple connect/disconnect cycles High insulation resistance ($>10^9 \Omega$) provides isolation for sensitive measurement circuits Controlled capacitance values minimize signal distortion in switched signal paths Shielded twisted-pair construction reduces crosstalk in dense switching applications Typical Applications Interconnect between Keithley 7001 mainframes and 701X-C series switching cards; direct wired connections to external circuitry when one connector is terminated; integration with Model 7011-MTR bulkhead connectors for field-reconfigurable test systems. Compatibility & Integration Mates directly with Model 701X-C series switching cards and Model 7011-MTR 96-pin male bulkhead connectors. One connector may be cut and terminated for custom integration with DUT interfaces. Output relays on compatible switching cards remain open until cable connection closes the relay circuit.

7011MTC Characteristics / Specifications

PARAMETER	VALUE
Model	7011-MTC-2
Brand	Keithley
Catalog Title	Keithley 7011-MTC-2 Mass Terminated Cable Assembly
Sku	7011-MTC-2
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	7011-MTC-2
Manufacturer Line	Keithley
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	7011-MTC-2
Brand	Keithley
Catalog Title	Keithley 7011-MTC-2 Mass Terminated Cable Assembly
Sku	7011-MTC-2
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	7011-MTC-2
Manufacturer Line	Keithley
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument 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.