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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N7013A extreme temperature differential cable set

Keysight N7013A Extreme Temperature Differential Cable Set The Agilent/Keysight N7013A is a 70 cm extreme-temperature extension cable set for medium- and high-voltage differential active probes. OEM extreme-temperature literature rates chamber use from minus 40 C to plus 85 C with N2790A N2791A N2792A and N2818A probe families. Automotive CAN CAN FD and FlexRay differential bus measurements inside environmental chambers, power-supply differential probing at extreme temperatures, and extending differential probe heads into thermal chambers. The Agilent/Keysight N7013A is a 70 cm extreme-temperature extension cable set for medium- and high-voltage differential active probes. OEM extreme-temperature literature rates chamber use from minus 40 C to plus 85 C with N2790A N2791A N2792A and N2818A probe families. Automotive CAN CAN FD and FlexRay differential bus measurements inside environmental chambers, power-supply differential probing at extreme temperatures, and extending differential probe heads into thermal chambers. Compatible with N2790A N2791A N2792A N2818A



MODEL

**Agilent / Keysight
N7013A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N7013A

LISTING

<https://aumictechlabs.com/products/n7013a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N7013A power rail probe is engineered to provide precise power integrity measurements in electronic systems. Its high bandwidth allows for the capture of fast transient events, while its low noise floor ensures the detection of subtle power rail disturbances. The probe's high DC input impedance minimizes loading effects, preserving the integrity of the measured signal. Designed for compatibility with a range of oscilloscopes, the N7013A simplifies power integrity analysis, identify and address power-related issues effectively.

N7013A Characteristics / Specifications

PARAMETER	VALUE
Model	N7013A
Instrument Type	extreme temperature differential cable set
Cable Length	70 cm
Operating Temperature	minus 40 C to plus 85 C
Compatible Probe N2790A	yes
Compatible Probe N2791A	yes
Compatible Probe N2792A	yes
Compatible Probe N2818A	yes
Measurement Domain	differential medium and high voltage
Target Buses Class	CAN CAN FD FlexRay and power differentials
Chamber Use Model	cables and adapters inside chamber
Host Probe Body Location	outside chamber
Series Family	Keysight extreme temperature probing
Bandwidth Impact Class	extension adds length dependent loading
Package Style	cable and adapter kit
Related Passive Probe	N7007A 400 MHz extreme temperature
Related Active Probe	N2797A 1.5 GHz extreme temperature
Related InfiniiMax Extension	N5450B
Humidity Class	chamber noncondensing practice
Storage Temperature Class	minus 40 C to 70 C class accessories
Altitude Class	standard laboratory altitude class
Safety Context	follow host differential probe voltage ratings
Connector Adapters	included connection adapters per kit
Primary Industries	automotive semiconductor consumer wireless
Bandwidth	Impact Class: extension adds length dependent loading

PARAMETER

VALUE

Storage temperature

Class: minus 40 C to 70 C class accessories

Humidity

Class: chamber noncondensing practice

N7013A Specifications

PARAMETER	VALUE
Key Features	70 cm extreme temperature extension
Minus 40 C to plus 85 C chamber rating	Compatible with N2790A N2791A N2792A N2818A
Technical Specifications	Model: N7013A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 40 C to 70 C class accessories
Operating temperature	minus 40 C to plus 85 C
Operating Temperature	minus 40 C to plus 85 C
Humidity	Class: chamber noncondensing practice
Model	N7013A
Instrument Type	extreme temperature differential cable set
Cable Length	70 cm
Compatible Probe N2790A	yes
Compatible Probe N2791A	yes
Compatible Probe N2792A	yes
Compatible Probe N2818A	yes
Measurement Domain	differential medium and high voltage
Target Buses Class	CAN CAN FD FlexRay and power differentials
Chamber Use Model	cables and adapters inside chamber
Host Probe Body Location	outside chamber
Series Family	Keysight extreme temperature probing
Bandwidth Impact Class	extension adds length dependent loading
Package Style	cable and adapter kit
Related Passive Probe	N7007A 400 MHz extreme temperature
Related Active Probe	N2797A 1.5 GHz extreme temperature
Related InfiniiMax Extension	N5450B
Humidity Class	chamber noncondensing practice
Storage Temperature Class	minus 40 C to 70 C class accessories
Altitude Class	standard laboratory altitude class
Safety Context	follow host differential probe voltage ratings

PARAMETER	VALUE
Connector Adapters	included connection adapters per kit
Primary Industries	automotive semiconductor consumer wireless Notes From Keysight Extreme Temperature Probing Solutions data sheet 5990-3504EN section describing the N7013A 70 cm extreme temperature extension kit and compatible differential probes.

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.

environmental chambers, power-supply differential probing at extreme temperatures, and extending differential probe heads into thermal chambers.

Key Features

- 70 cm extreme temperature extension
- Minus 40 C to plus 85 C chamber rating
- Compatible with N2790A N2791A N2792A N2818A
- Preserves differential probe tip inside chamber
- Supports power and automotive bus debug

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	N7013A
Instrument Type	extreme temperature differential cable set
Cable Length	70 cm
Operating Temperature	minus 40 C to plus 85 C
Compatible Probe N2790A	yes
Compatible Probe N2791A	yes
Compatible Probe N2792A	yes
Compatible Probe N2818A	yes
Measurement Domain	differential medium and high voltage
Target Buses Class	CAN CAN FD FlexRay and power differentials
Chamber Use Model	cables and adapters inside chamber
Host Probe Body Location	outside chamber
Series Family	Keysight extreme temperature probing
Bandwidth Impact Class	extension adds length dependent loading
Package Style	cable and adapter kit
Related Passive Probe	N7007A 400 MHz extreme temperature
Related Active Probe	N2797A 1.5 GHz extreme temperature
Related InfiniiMax Extension	N5450B
Humidity Class	chamber noncondensing practice
Storage Temperature Class	minus 40 C to 70 C class accessories
Altitude Class	standard laboratory altitude class

PARAMETER	VALUE
Safety Context	follow host differential probe voltage ratings
Connector Adapters	included connection adapters per kit
Primary Industries	automotive semiconductor consumer wireless

Notes

From Keysight Extreme Temperature Probing Solutions data sheet 5990-3504EN section describing the N7013A 70 cm extreme temperature extension kit and compatible differential probes.

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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30-day returns
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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.