

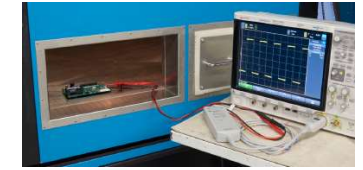
# Keysight High Voltage Differential Probe Overview

| Model                  | Max Input Voltage | Input Impedance | Bandwidth | Attenuation Ratio | Probe Power Source   | Ref Price |
|------------------------|-------------------|-----------------|-----------|-------------------|----------------------|-----------|
| <a href="#">N2891A</a> | ±7000 V           | 100 MΩ / 5 pF   | 70 MHz    | 100;1/1000:1      | Battery or USB power |           |
| <a href="#">N2790A</a> | ±1.4 KV           | 8 MΩ / 3.5 pF   | 100 MHz   | 50:1/ 500:1       | Keysight AutoProbe   |           |
| <a href="#">N2791A</a> | ±700 V            | 8 MΩ / 8 pF     | 25 MHz    | 10:1/ 100:1       | Battery or USB power |           |
| <a href="#">N2792A</a> | ±20V              | 1 MΩ / 3.5 pF   | 200 MHz   | 10:1              | Battery Power        |           |
| <a href="#">N2818A</a> |                   |                 |           |                   | Keysight AutoProbe   |           |
| <a href="#">N2793A</a> | ±15V              | 200 KΩ / 1 pF   | 800 MHz   | 10:1              | Battery Power        |           |
| <a href="#">N2819A</a> |                   |                 |           |                   | Keysight AutoProbe   |           |
| <a href="#">N2804A</a> | ±300V             | 4 MΩ / 4 pF     | 300 MHz   | 100:1             | Keysight AutoProbe   |           |
| <a href="#">N2805A</a> | ±700A             | 4 MΩ / 4 pF     | 200 MHz   | 50:1              | Keysight AutoProbe   |           |

## Accessories

| Model                     | Features                                                             | Compatibility                      | Ref Price |
|---------------------------|----------------------------------------------------------------------|------------------------------------|-----------|
| <a href="#">N4853A</a>    | Variable pitch browser                                               | N2793A/N2819A                      |           |
| <a href="#">N4854A</a>    | DC blocking capacitor                                                | N2793A/N2819A                      |           |
| <a href="#">N7013A</a>    | Extreme temperature extension cable kit                              | N2790A/91A/92A, N2818A             |           |
| <a href="#">N7014A</a>    | Banana-to-socketed tip adapters for connecting to 0.025" square pins | N2790A/91A/92A, N2818A, N2804A/05A |           |
| <a href="#">0960-2926</a> | CAN/CAN FD/FlexRay DB9 probe head                                    | N2792A/N2818A                      |           |
| <a href="#">0960-2927</a> | CAN/CAN FD/FlexRay DB9 probe head                                    | N2793A/N2819A                      |           |

- N7013A is compatible with N2790A/91A/92A and N2818A.  
The bandwidth will be de-rated to 70MHz. (25MHz for N2791A)
- Keysight AutoProbe interface is available with InfiniiVision 3000/4000/6000 series.
- N2804A with 30 cm extension leads can support up to 120 MHz bandwidth



## Extreme Temperature Solution

N7013A

- 70 cm extension cable
- -40 to +85 °C
- N2790A/91A/92A, N2818A Compatible



## AutoProbe Interface Collection InfiniiVision 3000/4000/6000



N2791A

- ± 700 V
- 10:1/100:1
- 25 MHz



N2891A

- ± 7000 V
- 100:1/1000:1
- 70 MHz

## High-voltage differential



- Safe & Accurate Floating Measurement



N2790A

- ± 1400 V
- 50:1/500:1
- 100 MHz



N2792A

- ± 20 V
- 10:1
- 200 MHz



N2793A

- ± 15 V
- 10:1
- 800 MHz

## Automotive/Embedded Design General Purpose/ Power Testing



N2818A

- ± 20 V
- 10:1
- 200 MHz



N2819A

- ± 15 V
- 10:1
- 800 MHz

## BNC Interface with Battery Powered

| Model                       | Features                | Compatibility | Ref Price |
|-----------------------------|-------------------------|---------------|-----------|
| <a href="#">N2790-68700</a> | Probe tip accessory kit | N2790A        |           |
| <a href="#">N2791-68700</a> | Probe tip accessory kit | N2791A        |           |
| <a href="#">N2891-68700</a> | Probe tip accessory kit | N2891A        |           |
| <a href="#">N2792-68700</a> | Probe tip accessory kit | N2792A/N2818A |           |
| <a href="#">N2793-68700</a> | Probe tip accessory kit | N2793A/N2819A |           |
| <a href="#">N2816A</a>      | Probe tip accessory kit | N2804A        |           |
| <a href="#">N2817A</a>      | Probe tip accessory kit | N2805A        |           |

## Automotive/DC-DC Power



N2804A

- ± 300 V
- 100:1
- 300 MHz



N2805A

- ± 700 V
- 50:1
- 700 MHz

5m Long

N4854A



DC-Blocking

N4853A



Browser

0960-2926/0960-2927



DB9-SubD Adapter