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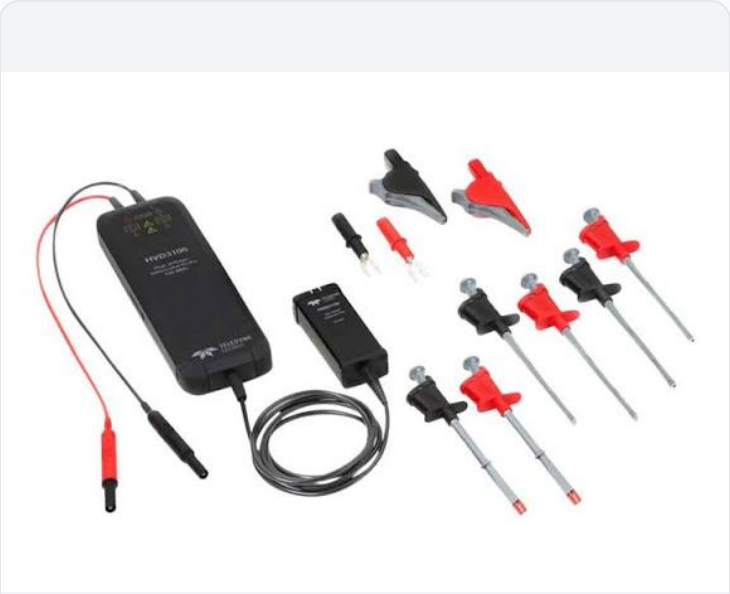
Data Sheet
August 12, 2026

LECROY

LeCroy HVD3206 High Voltage Differential Probe, 120MHz

Teledyne LeCroy HVD3206 High Voltage Differential Probe The LeCroy HVD3206 / HVD3206A is a 2 kV-class high-voltage differential probe with 120 MHz bandwidth (probe only), ProBus interface, and high CMRR for power-electronics floating measurements. Sibling long-cable -6M variants are 80 MHz. Inverter / motor drive / solar string (1500 Vdc class) differential measurements; high offset HV probing on ProBus oscilloscopes. The LeCroy HVD3206 / HVD3206A is a 2 kV-class high-voltage differential probe with 120 MHz bandwidth (probe only), ProBus interface, and high CMRR for power-electronics floating measurements. Sibling long-cable -6M variants are 80 MHz. Inverter / motor drive / solar string (1500 Vdc class) differential measurements; high offset HV probing on ProBus oscilloscopes.



MODEL **Lecroy HVD3206**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **HVD3206**	LISTING **https://aumictechlabs.com/products/hvd3206-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The LeCroy HVD3206 is a high-voltage differential probe engineered for precision measurements in power electronics, solar photovoltaic systems, and high-voltage industrial applications. Operating at 120 MHz bandwidth with DC input coupling, it delivers 1% gain accuracy and exceptional common-mode rejection across a broad frequency range. The probe accommodates

differential voltages up to 2000 V (DC + peak AC) at high attenuation and manages common-mode voltages up to 1500 Vdc, making it ideally suited for 1500 Vdc solar PV measurements per IEC/EN 61010-031:2015.Its 2 kV CAT I and 1500 Vdc CAT III safety ratings ensure compliance in demanding test environments.Technical Specifications Bandwidth: 120 MHz Input Coupling: DC Safety Rating: 2 kV CAT I, 1500 Vdc CAT III Differential Voltage Range (High Attenuation): 2000 V (DC + peak AC) from 7 to 500 V/div with up to 1500 V offset Differential Voltage Range (Low Attenuation): 27.6 V (DC + peak AC) from 100 mV/div to 6.9 V/div with up to 150 V offset Common-Mode Voltage: Up to 1500 Vdc Gain Accuracy: 1% Input Impedance: 10 MΩ || 2.5 pF (between inputs); 5 MΩ || 5.0 pF (input to ground) Common-Mode Rejection Ratio: Exceptional across broad frequency rangeKey Features ProBus active probe interface provides integrated power and oscilloscope communication without separate power supply or batteries Automatic attenuation selection synchronized with oscilloscope gain range (V/div) AutoZero functionality calibrates small offset drifts while probe remains connected to device under test High offset capability at both attenuation settings Standard 2 meter cable with optional 6 meter variant (HVD3206A-6M)Typical Applications Switch-mode power supplies 600 V and 5 kV class electrical apparatus High-power DC-DC converters Solar photovoltaic systemsCompatibility & Integration Designed for broad oscilloscope compatibility via ProBus interface. Supplied with 2 kV plunger alligator clips, soft carrying case with foam insert, and user manual.

Features & description

From manufacturer datasheet

Features

• Bandwidth (probe only): 120 MHz (2 m); 80 MHz for -6M cable variants • Rise time (10%–90%): 2.9 ns (120 MHz); 4.4 ns (-6M) • Diff. voltage (high atten.): 2000 V (DC + Peak AC) • Diff. voltage (low atten.): 2000 V (DC + Peak AC) on HVD3206 family • Common-mode / to-earth: ±2000 V (DC + Peak AC) / ±2000 Vpk • CMRR test limits @ 23 °C: 80 dB @ 50 Hz; 60 dB @ 1 MHz • Attenuation: 50× / 500× class (HVD3206 / HVD3206A) • Gain accuracy: ~1% class (A-series literature; newer variants up to 0.35% class) • Interface: ProBus (auto scaling/power) • Cable: ~2 m standard; 6 m optional (-6M) • Safety CAT ratings per tip accessories (e.g. 2000 V CATIItips)

HVD3206 Characteristics / Specifications

PARAMETER	VALUE
Model	HVD3206
Manufacturer	Teledyne LeCroy
Instrument Type	High Voltage Differential Probe
Alias	HVD3206; HVD3206A; LeCroy HVD3206 Electrical
Bandwidth	120 MHz
Rise time	2.9 ns
Diff. range	2000 V (DC+peak AC)
CMRR	80 dB @ 50 Hz; 60 dB @ 1 MHz Notes Specs from Teledyne LeCroy HVD3206/HVD3206A operator manual and HVD3xxx datasheets. Listing may be non-A orArevision–confirm exact PN and cable length on the unit.
Bandwidth (probe only)	120 MHz (2 m); 80 MHz for -6M cable variants
Rise time (10%–90%)	2.9 ns (120 MHz); 4.4 ns (-6M)
Diff. voltage (high atten.)	2000 V (DC + Peak AC)
Diff. voltage (low atten.)	2000 V (DC + Peak AC) on HVD3206 family
Common-mode / to-earth	±2000 V (DC + Peak AC) / ±2000 Vpk
CMRR test limits @ 23 °C	80 dB @ 50 Hz; 60 dB @ 1 MHz
Attenuation	50× / 500× class (HVD3206 / HVD3206A)
Gain accuracy	~1% class (A-series literature; newer variants up to 0.35% class)
Interface	ProBus (auto scaling/power)
Cable	~2 m standard; 6 m optional (-6M)

HVD3206 Specifications

PARAMETER	VALUE
Teledyne LeCroy HVD3206 High Voltage Differential Probe	Overview
Applications	Inverter / motor drive / solar string (1500 Vdc class) differential measurements; high offset HV probing on ProBus oscilloscopes.
Key Features	- Bandwidth (probe only): 120 MHz (2 m); 80 MHz for -6M cable variants
Technical Specifications	Model: HVD3206
Electrical	Bandwidth: 120 MHz

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	HVD3206
Manufacturer	Teledyne LeCroy
Instrument Type	High Voltage Differential Probe
Alias	HVD3206; HVD3206A; LeCroy HVD3206

Electrical

Electrical

PARAMETER	VALUE
Bandwidth	120 MHz
Rise time	2.9 ns
Diff. range	2000 V (DC+peak AC)
CMRR	80 dB @ 50 Hz; 60 dB @ 1 MHz

Notes
Specs from Teledyne LeCroy HVD3206/HVD3206A operator manual and HVD3xxx datasheets. Listing may be non-A orArevision–confirm exact PN and cable length on the unit.

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

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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.