

T3LVD Low Voltage Probe Fact Sheet

Low Voltage Differential Probe



Debug with Confidence

20 Volts, 200 MHz



Key Specifications

Maximum Differential Voltage	± 20 V (DC + Peak AC)
Maximum Common Mode Voltage	± 60 V
Bandwidth (-3dB)	DC to 200 MHz
Rise Time	≤ 1.75 ns
Differential Mode Input Impedance	1 M Ω , < 3.5 pF
Connectivity	BNC cable to Oscilloscope 50 Ω or 1 M Ω input
Warranty	1 Year

Tools for Improved Debugging

- ± 20 V Differential signal input (DC + Peak AC).
✓ Large measurement voltage range gives wide application coverage.
- ± 60 V maximum common mode voltage input.
✓ Wide common mode rejection for accurate measurements.
- Wide DC to 200 MHz bandwidth.
✓ Wide bandwidth enhances measurement capability and application coverage.
- Combined single ended and differential measurement capability.
✓ Make measurements on single ended and differential circuits without the need to change probes.
- Use with any scope with a 50 Ω or 1 M Ω input and BNC connector.
✓ Compatible with all your Oscilloscopes.
- High Common Mode Rejection Ratio of > 50 dB at 10 MHz, > 80 dB at 50 Hz / 60 Hz
✓ Good CMRR figures for accurate measurements.
- Includes wall socket 5 V / 1 A power supply.
✓ All accessories included to enable immediate use.

For more information, please contact:



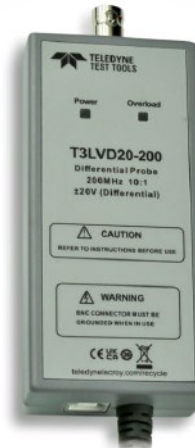
T3LVD Low Voltage Probe Fact Sheet

Low Voltage Differential Probe



The Teledyne Test Tools T3LVD Probes come in a protective case and include a universal wall power adaptor.

Teledyne Test Tools new T3LVD20-200 low voltage differential probe is a wide bandwidth active differential voltage probe, featuring 200 MHz bandwidth, ± 20 V (DC + Peak AC), fast and accurate waveform capture, measurement accuracy of 2% and low test circuit loading. This probe can be used with any oscilloscope having a 50 Ω or 1 M Ω BNC input.



BNC Output Connector

Connect to any instrument with 50 Ω input impedance. A 50 Ω feedthrough terminator is supplied for use with instruments that only have 1 M Ω input impedance.

Overload alarm indicator

Power supply connection point

The external power supply is connected via a standard USB type B port which can be powered from the supplied external USB wall plug adaptor or from an oscilloscope USB port.



Offset adjustment

The probe head has an offset adjustment button to allow the user to remove any common mode offset up to ± 60 V.

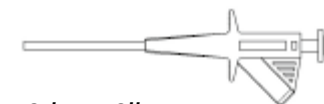
Key Features

- Accurate and easy voltage measurements.
- Wide 200 MHz bandwidth.
- Differential signal input of ± 20 V (DC + Peak AC).
- High differential input impedance of 1 M Ω / < 3.5 pF.
- Maximum common mode voltage of ± 60 V.
- Combined single ended and differential measurements.
- Use with any scope with a 50 Ω or 1 M Ω input and BNC connector.
- Over-Voltage protection with dual indicators.

Standard Accessoires



Alligator Clips



Gripper Clips



Test Hook



50 Ω Feedthrough Termination



BNC Output Cable



USB Cable