

## 2 Overview

### PRODUCT DESCRIPTION

The 2.5 GHz HFP2500 is a small, high frequency active probe designed to meet today's increasing demand for measurements on a variety of test points.

With low input capacitance and high input resistance, circuit loading is minimized.

The HFP2500 can be used with LeCroy's WavePro™, Waverunner™ and LC series oscilloscope with firmware version 8.7.0 or higher.

When the probe is used with any of these oscilloscopes, an AutoColor ID feature automatically illuminates the probe head in the default trace color of the channel to which the probe is connected, eliminating the need for color bands or other markers.

With the ProBus interface, the HFP2500 becomes an integral part of the oscilloscope. The probe can be controlled from the oscilloscope's front panel. The oscilloscope provides power to the probe, so there is no need for a separate power supply or batteries.

When used in combination with an ADPPS power supply, the HFP2500 probe can be used with non-LeCroy instruments. (See Section 4 for detailed operation with an ADPPS adapter).

### KEY BENEFITS

- High frequency performance
- Low input capacitance
- Wide dynamic range
- ProBus interface
- AutoColor ID feature matches the probe color to the oscilloscope's default trace color
- Five interchangeable tips for probing a variety of test points
- Replaceable probe tip socket
- Hands free probing with *FreeHand* probe holder

## HFP2500 High Frequency Probe

---

### STANDARD ACCESSORIES

The HFP2500 is shipped with the following standard accessories:

Item:	Quantity:
Straight Tip	4
Sharp Tip	4
IC Lead Tip	4
SMD Discrete Tip	4
Bent Sharp Tip	4
Micro Clip, 0.5 mm	2
Clip, 0.8 mm	2
Ground Spring with Hook	1
Square Pin Ground Spring	1
Offset Pin	2
Short Right Angle Lead	2
Long Right Angle Lead	2
Short Single lead	2
Long Single Lead	2
<i>FreeHand</i> Probe Holder	1
Replaceable Cartridge	1
High Frequency Cartridge	1
Soft Accessory Case	1
Instruction Manual	1
Certificate of Calibration	1

For part number information for standard and optional accessories refer to Section 6, Care and Maintenance, Replaceable Parts List.

###