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SP200B

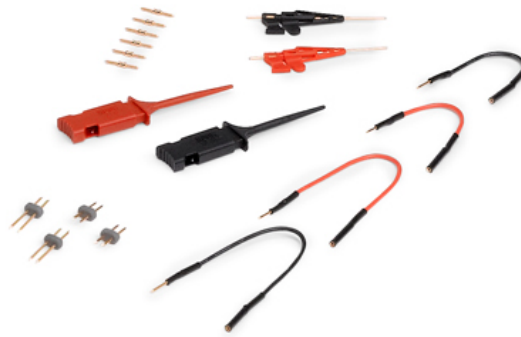
Ordering Information

For user manuals and dimensional drawings, visit the product page resources tab on ni.com.

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SP200B Probe and High-Speed Digitizer Accessories

10:1 and 1:1 Switchable Passive Oscilloscope Probe, 60 V



- Single passive oscilloscope probe with switchable attenuation of 1X and 10X
- Includes IC tip, insulating tip, measuring tip, retractable hook tip, BNC adapter, trimmer, and ground lead
- 1.4 m cable length

Overview

The SP200B is a single passive oscilloscope probe with switchable attenuation of 1X and 10X. The probe kit contains an IC tip, an insulating tip, a measuring tip, a spring hook, a BNC adapter, a trimmer tool, and a ground lead.

[Back to Top](#)

Comparison Tables

Probe Type	Attenuation Ratio	Bandwidth	Rise Time	Compensation Range	Input Resistance	Input Capacitance	Maximum Input Voltage	Cable Length
SP200B	1:1	DC to 6 MHz	50 ns	-	1 MΩ	100 pF	60 VDC, 42 V peak AC, derating with frequency	1.4 m
SP200B	10:1	DC to 200 MHz	1.5 ns	15 to 35 pF	10 MΩ	15 pF probe resistance 9 MΩ ±1	60 VDC, 42 V peak AC, derating with frequency	1.4 m

[Back to Top](#)

Ordering Information

For a complete list of accessories, visit the product page on ni.com.

Products	Part Number	Recommended Accessories	Part Number
SP200B Passive Probe			
SP200B Passive Probe	780284-01	No accessories required.	
SMB 100 Cable			
SMB 100 Cable	763389-01	No accessories required.	
SMB 200 Cable			
SMB 200 Cable	763390-01	No accessories required.	
SMB 300 Cable			
SMB 300 Cable	763388-01	No accessories required.	

Aux100 Adapter		
Aux100 Adapter	185259-0R3	No accessories required.
RTSI Bus Cable		
RTSI Bus Cable (5 Boards)	777562-05	No accessories required.
Instrument Accessory Pouch		
Instrument Accessory Pouch	745531-01	No accessories required.
RTSI Bus Cable		
RTSI Bus Cable (2 Boards)	776249-02	No accessories required.
RTSI Bus Cable		
RTSI Bus Cable (3 Boards)	776249-03	No accessories required.
RTSI Bus Cable		
RTSI Bus Cable (4 Boards)	776249-04	No accessories required.
PSH32-C5 PCMCIA Cable		
PSH32-C5 PCMCIA Cable	183648-09	No accessories required.

[Back to Top](#)

Support and Services

System Assurance Programs

NI system assurance programs are designed to make it even easier for you to own an NI system. These programs include configuration and deployment services for your NI PXI, CompactRIO, or Compact FieldPoint system. The NI Basic System Assurance Program provides a simple integration test and ensures that your system is delivered completely assembled in one box. When you configure your system with the NI Standard System Assurance Program, you can select from available NI system driver sets and application development environments to create customized, reorderable software configurations. Your system arrives fully assembled and tested in one box with your software preinstalled. When you order your system with the standard program, you also receive system-specific documentation including a bill of materials, an integration test report, a recommended maintenance plan, and frequently asked question documents. Finally, the standard program reduces the total cost of owning an NI system by providing three years of warranty coverage and calibration service. Use the online product advisors at ni.com/advisor to find a system assurance program to meet your needs.

Calibration

NI measurement hardware is calibrated to ensure measurement accuracy and verify that the device meets its published specifications. To ensure the ongoing accuracy of your measurement hardware, NI offers basic or detailed recalibration service that provides ongoing ISO 9001 audit compliance and confidence in your measurements. To learn more about NI calibration services or to locate a qualified service center near you, contact your local sales office or visit ni.com/calibration.

Technical Support

Get answers to your technical questions using the following National Instruments resources.

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- **Discussion Forums** - Visit forums.ni.com for a diverse set of discussion boards on topics you care about.
- **Online Community** - Visit community.ni.com to find, contribute, or collaborate on customer-contributed technical content with users like you.

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While you may never need your hardware repaired, NI understands that unexpected events may lead to necessary repairs. NI offers repair services performed by highly trained technicians who quickly return your device with the guarantee that it will perform to factory specifications. For more information, visit ni.com/repair.

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OEM

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[Back to Top](#)

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