

WaveLink Differential Probe System (4 GHz-6 GHz)

#### **Key Features**

4 GHz or 6 GHz models

Up to 5 Vpk-pk dynamic range with low noise

#### ±3 V offset range

Ideal for DDR2, LPDDR2, DDR3

#### Innovative QuickLink architecture

#### Wide variety of tips and leads

- Solder-In Lead
- QuickLink Solder-In Lead
- Positioner (Browser) Tip
- Adjustable (Browser) Tip
- Quick Connect Lead
- Square Pin Lead
- Hi-Temp Solder-In Lead

# Low loading and high impedance for minimal signal disturbance

Deluxe soft carrying case



The WaveLink Differential Probe Series is a 4-6 GHz bandwidth active differential probe series with the widest range of tips, large offset capability, and high dynamic range.

#### General Purpose Probe with Range of Capabilities

Teledyne LeCroy's WaveLink 4-6 GHz Differential Probes are a general purpose probing solution with highinput dynamic range and offset range capability. The range of capabilities is ideal for a variety of high-speed DDR signals where high dynamic range and large offset requirements are common.

#### Wide Variety of Tip and Leads

The wide variety of tips offered with the D4x0/D6x0 provides confidence that the most challenging test points can be probed. With seven different tips available, the D4x0/D6x0 provides great flexibility when probing, while maintaining signal integrity. An assortment of hands-free probe holders eases the challenge of connecting multiple leads to a board.

#### **Exceptional Waveform Fidelity**

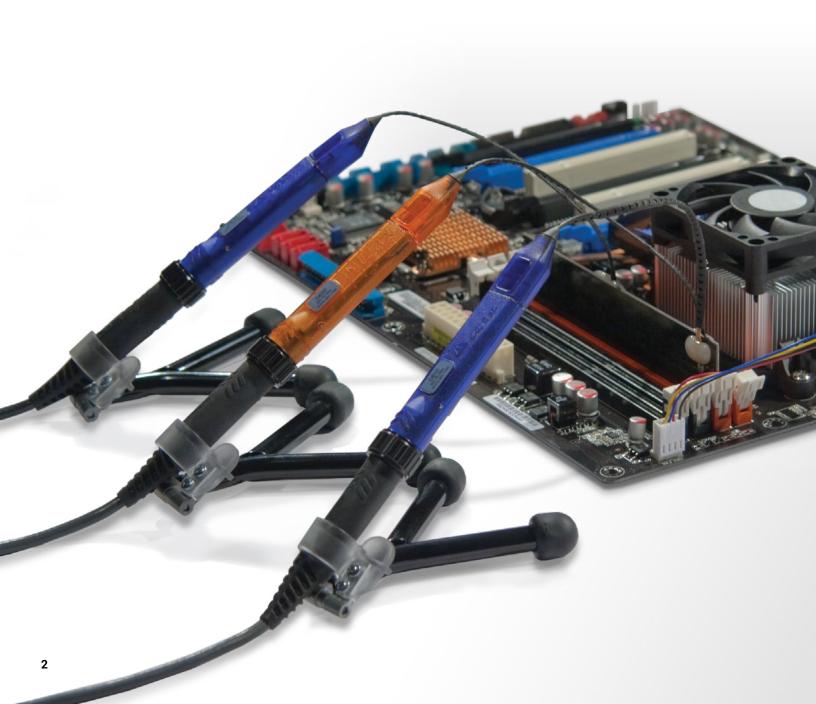
WaveLink probes provide superior loading characteristics and are calibrated with a custom "finetuned" frequency response. The ultra-low loading coupled with a flat frequency response ensure accurate measurements.

#### Unique QuickLink Architecture

The unique QuickLink architecture allows for probe tips to be quickly attached or removed to a WaveLink differential amplifier. Unlike other "consumable" probe tip solutions which rely on tiny, delicate tips located very close to the Device Under Test (DUT), the QuickLink Solder-In tip has an integral 9-inch lead. QuickLink Solder-In tips are low cost, making it easy to equip multiple test points and DUTs and eliminating time-consuming resoldering of connectors.

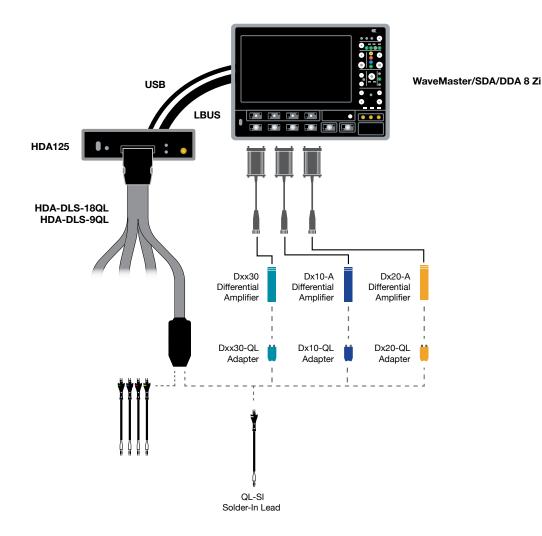
## **EXCEPTIONAL WAVEFORM FIDELITY**

The D4x0/D6x0 probe series has superior electrical characteristics, providing excellent signal fidelity. These probes were designed with low loading and high impedance for minimal signal disturbance and circuit loading. WaveLink probes use a unique calibration process where each probe is programmed with a custom "fine-tuned" frequency response which is read by the oscilloscope in order to digitally compensate for the entire system response. In addition to their electrical performance, WaveLink probes have the best-in-class mechanical design for optimum utility. The D4x0/D6x0 probes series includes seven different interconnect configurations allowing for flexibility when making measurements. Additionally, WaveLink probes offer a variety of hands free positioners to offer stable and accurate probe tip placement to make perfect contact without the worry of hand probing errors.



### **INNOVATIVE QUICKLINK ARCHITECTURE**

The QuickLink probe tip system was designed from the ground up to be compatible with both the HDA125 High-speed Digital Analyzer system, and with Teledyne LeCroy's WaveLink series of differential analog probes. This cross-connection ability allows you to equip your system under test with QuickLink tips at all desired test points, and swap connections between digital and analog acquisition systems as needed.



#### **High Signal Fidelity**

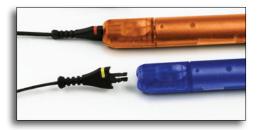
When connected to a WaveLink analog probe, QuickLink tips provide 8 GHz of bandwidth and a flat, well-controlled frequency response. When used for digital acquisitions with the HDA125, they support 3 GHz bandwidth with industry-leading sensitivity. In both cases, high input impedance ensures minimal loading of the system under test.

#### Easy to connect

Unlike other "consumable" probe tip solutions which rely on tiny, delicate tips located very close to the device under test, the QuickLink solder-in tip has an integral 9-inch lead. This effectively relocates your test point to a more convenient location, making testing more reliable by eliminating torque and other forces on the solder joints.

#### **Cost-effective**

QuickLink solder-in tips are low-cost, making it easy to equip multiple test points and DUTs, and eliminating timeconsuming re-soldering of connectors.



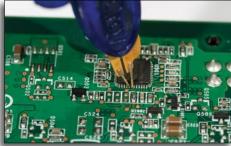
## WIDE VARIETY OF TIPS AND LEADS

Offering seven different tips and leads, the D4x0/D6x0 probe series provides confidence that the most challenging test points can be probed. In addition to the various tips, an assortment of hands-free probe holders are provided to ease the challenge of connecting multiple leads to a board.



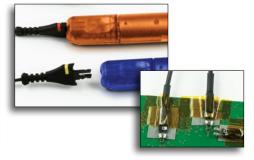
Solder-In Lead (SI)

The Solder-In interconnect lead features the smallest physical tip size of any high bandwidth differential probe and the highest level of electrical performance. Two very small damping resistors are directly soldered into the connect points for the highest impedance and lowest tip inductance. The resistors have highly flexible leads allowing connection to input points with a wide range of input spacing.



### Positioner Tip (PT)

The PT positioner tips provides spring loaded leads to allow for easy probing. The adjustable wheel allows for precise probing, allowing a spread up to 0.14". The small form factor provides a convenient grip for hand probing, or use the wand or XYZ positioner for more precise placement.



QuickLink Solder-In Lead (QL-SI)

The unique QuickLink architecture allows for probe tips to be quickly attached or removed to a WaveLink differential amplifier. The ultra low loading design allows for unused tips to remain attached to the DUT without impacting the signal fidelity.



#### **Quick Connect (QC)**

The Quick Connect interconnect lead enables the probe to be quickly moved between multiple test points on the test circuit. Just solder a pair of leaded damping resistors at each location where interconnection is required. A small connector mounted on the probe tip plugs into the damping resistors, enabling a quick connection between sets of test points.



#### High Temperature (HiTemp) Cables and Solder-In Lead

The 90 cm HiTemp cables and Solder-In lead can be used for controlled situations where the differential amplifier module needs to be removed from the extreme temperature environment. Ideally suited for testing scenarios where the temperature can fluctuate from -40 °C to +105 °C.



Square Pin (SP)

Many applications, such as IC characterization boards, use standard 0.025" square pins for interconnect. The Square Pin interconnect lead directly mates with a pair of 0.025" (0.635 mm) square pins that are mounted on standard 0.100" (2.54 mm) centers.



# WaveLink Differential Amplifier Modules with Adjustable Tip (-AT)

WaveLink adjustable tip probes are designed to provide an optimum mechanical connection for signal measurement.

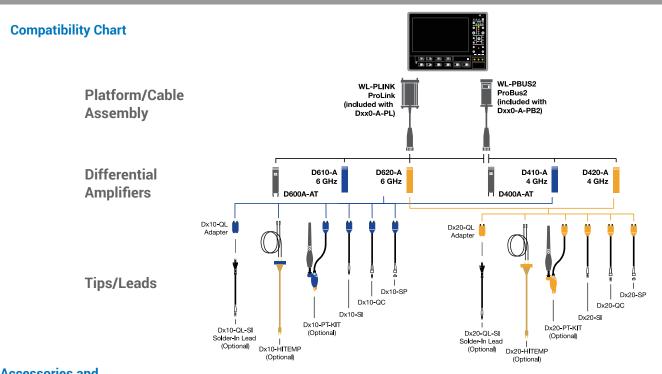
- Built-in thumbwheel for precise positioning of tip stays put after adjustment
- Maintains sharp points for good contact
- Tips made of "NiTiNOL," a super-elastic nickel-titanium alloy
- Flexes as you apply pressure
- Consistently returns to original form

#### **Deluxe Soft Carrying Case**

The D4x0/D6x0 probe series includes a deluxe soft carrying case which stores all components of the complete probe system in one convenient location. The case includes a custom foam insert to securely house the platform/cable assembly and the differential probe amplifier. Additionally, a removable protective storage tray has been designed to neatly arrange the complete selection of tips/accessories for ease of accessibility. The deluxe soft carrying case can easily fit in a standard-sized file drawer or shelf for storage and is provided as part of the stadard probe configuration.



# COMPATIBILITY AND STANDARD ACCESSORIES



Accessories and Replacement Parts	D4x0-A D6x0-A	Dx10-PT-KIT Dx20-PT-KIT	WL-PBUS2 WL-PLINK-CASE		Dx10-QL-3SI Dx20-OL-3SI		Dx00A-AT-Pxx	Replacement Part
Amplifier System	1 each			1 each				D410-A, D420-A, D610-A or D620-A
(includes items below with*)								,
*Amplifier	1 each			1 each				
*Solder-In Lead Set (includes items below with**)	1 each			1 each				Dx10-SI, Dx20-SI
**Spare Damping Resistors for SI Tip	1 set of 5			1 set of 5				PKxx0-SI (1 set of 20)
**Tip Retaining Clip for SI & QC Leads	1 each			1 each				PK600ST-3
**Adhesive Tape	1 set			1 set				Dxx0-PT-TAPE
*Quick Connect Lead Set	1 each			1 each				Dx10-QC, Dx20-QC
*Damping Resistors for QC Tip (Included with QC Tip)	2 sets of 10			2 sets of 10				PKxx0-QC
*Ground Lead	1 each			1 each			1 each	PACC-LD005
*Ground Clip	1 each			1 each			1 each	PK006-4
*Square Pin Lead Set	1 each			1 each				Dx10-SP. Dx20-SP
*Instruction Manual	1 each			1 each			1 each	WL6G-OM-E
*Accessory Info Sheet & Quick Start Guide	1 each			1 each				921489-00 (Dx10), 921488-00(Dx20)
Positioner Tip with Accessories (kit includes items below with <sup>†</sup> )		1 each						RK-Dx10-PT-KIT, RK-Dx20-PT-KIT
<sup>†</sup> Positioner Tip Browser		1 each						Dx10-PT, Dx20-PT
<sup>†</sup> Replacement Pogo-pins for Dx10-PT/Dx20-PT		1 set						Dxx0-PT-TIPS
<sup>†</sup> Positioner Tip Probe Guides		1 set						Dxx0-PT-GUIDES
<sup>+</sup> XYZ Positioner		1 each						Dxx0-PT-XYZ-POSITIONER
<sup>†</sup> Adhesive Tape for XYZ Positioner		1 each						Dxx0-PT-TAPE
<sup>†</sup> Browser Wand for PT Tip		1 each						Dxx0-PT-WAND
<sup>†</sup> Interlock Pieces for PT Tip		1 each						Dxx0-PT-INTERLOCK
†Swivel for PT Tip		1 each						Dxx0-PT-SWIVEL
Platform/Cable Assembly Kit (includes items below with±)			1 each	1 each			1 each	WL-PLINK-CASE or WL-PBUS2
‡Platform/Cable Assembly			1 each	1 each			1 each	
‡Freehand Probe Holder			1 each	1 each				PACC-MS001
‡Probe Deskew Fixture			1 each	1 each				PCF200
‡Platform/Cable Assembly Mounting Clip			1 each	1 each		1 each		PK600ST-4 includes clips and clamps
‡Probe Cable Clamp			2 each	2 each		1 each	2 each	PK600ST-4 includes clips and clamps
‡Deluxe Soft Carrying Case			1 each	1 each			1 each	SAC-03
‡Foam Insert for Deluxe Case			1 each*	1 each				921081-00 (WL-PLINK-CASE) or 921079-00 (WL-PBUS-CASE)
‡Protective Storage Case		1 each	1 each*	1 each				921083-00
‡Plastic Tray for Storage Case		1 each	1 each*	1 each				921078-00
Soft Accessory Case			1 each				1 each	SAC-01A
QuickLink Adapter					1 each			Dx10-QL, Dx20-QL
QuickLink Solder-In Lead					3 each			QL-SI-1Pack
HiTemp Solder-In Lead						1 each		Dx10-SI-HiTemp, Dx20-SI-HiTemp
HiTemp Cable						1 matched set		Dx10-Cable-HiTemp, Dx20-Cable-HiTemp
Calibration Certificate Recommended Accessories								See Ordering Information

 Recommended Accessories

 Deskew Test Fixture

 Cascade Microtech EZ-Probe Positioner

# SPECIFICATIONS

	D610-A-PB2, D610-A-PL	D620-A-PB2, D620-A-PL	D410-A-PB2	D420-A-PB2	D600A-AT-PB2, D600A-AT-PL	D400A-AT-PB2	
Bandwidth* (Probe only, guaranteed) (System bandwidth, typical)	Dx10-SI, Dx10-QL-SI and Dx10-PT Tips 6 GHz	Dx20-SI, Dx20-QL-SI and Dx20-PT Tips 6 GHz	Dx10-SI, Dx10-QL-SI, Dx10-HiTemp, Dx10-QC and Dx10-PT Tips 4 GHz 4 GHz A		6 GHz	4 GHz	
	Dx10-HiTemp 5 GHz	Dx20-HiTemp 5 GHz	Dx10-SP Tip	4 GHz Dx20-SP Tip			
	Dx10-QC Tip 4 GHz	Dx20-QC Tip 4 GHz	3 GHz	3 GHz			
	Dx10-SP Tip 3 GHz	Dx20-SP Tip 3 GHz					
Rise Time* (10−90%)	Dx10-SI, Dx10-QL-SI and Dx10-PT Tips 75 ps (typical)	Dx20-SI, Dx20-QL-SI and Dx20-PT Tips 75 ps (typical)	Dx10-SI, Dx10-QL-SI, Dx10-HiTemp, and Dx10-PT Tips 112 ps (typical)	Dx20-SI, Dx20-QL-SI, Dx20-HiTemp, and Dx20-PT Tips 112 ps (typical)	<75 ps (typical)	<112 ps (typical)	
	<b>Dx10-HiTemp</b> 90 ps (typical)	<b>Dx20-HiTemp</b> 90 ps (typical)	<b>Dx10-QC Tip</b> 122.5 ps (typical)	<b>Dx20-QC Tip</b> 122.5 ps (typical)			
	<b>Dx10-QC Tip</b> 122.5 ps (typical)	Dx20-QC Tip 122.5 ps (typical)	<b>Dx10-SP Tip</b> 150 ps (typical)	<b>Dx20-SP Tip</b> 150 ps (typical)			
	<b>Dx10-SP Tip</b> 150 ps (typical)	Dx20-SP Tip 150 ps (typical)					
Rise Time* (20−80%)	Dx10-SI, Dx10-QL-SI and Dx10-PT Tips 56 ps (typical)	Dx20-SI, Dx20-QL-SI and Dx20-PT Tips 56 ps (typical)	Dx10-SI, Dx10-QL-SI, Dx10-HiTemp, and Dx10-PT Tips 84 ps (typical)	Dx20-SI, Dx20-QL-SI, Dx20-HiTemp, and Dx20-PT Tips 84 ps (typical)	56 ps (typical)	84 ps (typical)	
	<b>Dx10-HiTemp</b> 67.5 ps (typical)	<b>Dx20-HiTemp</b> 67.5 ps (typical)	<b>Dx10-QC Tip</b> 92 ps (typical)	<b>Dx20-QC Tip</b> 92 ps (typical)			
	<b>Dx10-QC Tip</b> 92 ps (typical)	<b>Dx20-QC Tip</b> 92 ps (typical)	<b>Dx10-SP Tip</b> 113 ps (typical)	<b>Dx20-SP Tip</b> 113 ps (typical)			
	Dx10-SP Tip 113 ps (typical)	Dx20-SP Tip 113 ps (typical)		,			
Noise (System)	<36 nV/vHz (2.8 mV <sub>rms</sub> ) (typical) Referred to input, 6 GHz bandwidth	<61 nV/VHz (4.8 mV <sub>rms</sub> ) (typical) Referred to input, 6 GHz bandwidth	<36 nV/√Hz (2.3 mV <sub>rms</sub> ) (typical) Referred to input, 4 GHz bandwidth	<pre>&lt;67 nV/√Hz (4.3 mV<sub>rms</sub>) (typical) Referred to input, 4 GHz bandwidth</pre>	<74 nV/√Hz (5.8 mV <sub>rms</sub> ) (typical) Referred to input, 6 GHz bandwidth	<74 nV/√Hz (4.7 mV <sub>rms</sub> ) (typical) Referred to input, 4 GHz bandwidth	
Input Input Dynamic Range	2.5V <sub>pk-pk</sub> , ±1.25V	5V <sub>pk-pk</sub> , ±2.5V	2.5V <sub>pk·pk</sub> ,±1.25V 5V <sub>pk·pk</sub> ,±2.5V		4.8V <sub>Dk-Dk</sub> , ±2.4V		
(Nominal) Input Common Mode Voltage	pk pk/	±4 V				±2.4 Vmax	
Range (Nominal) Input Offset Voltage Range	±3 V Differential (nominal)				n/a		
Non-destructive Input Range (Nominal)			±18 V				
Attenuation DC Input Resistance	1.7X / 1.0X (nominal)	3.2X / 1.9X (nominal) 1.7X / 1.0X (nominal) 3.2X / 1.9X (nominal) 200 kΩ Differential		2.5X 4 kΩ Differential			
(Nominal) Impedance	Dx10-SI, Dx10-QL-SI,		Common Mode Dx10-SI, Dx10-QL-SI,	Dx20-SI, Dx20-QL-SI,	1 kΩ Com >200 Ω Differential	mon Mode >450 Ω Differential	
(Zmin, typical)	and Dx10-HiTemp >175 $\Omega$ Differential <sup>†</sup>	Dx20-SI, Dx20-QL-SI, and Dx20-HiTemp >250 Ω Differential <sup>†</sup>	and Dx10-HiTemp >200 Ω Differential <sup>†</sup>	and Dx20-HiTemp >350 Ω Differential <sup>†</sup>		through entire frequency range	
	<b>Dx10-PT Tip</b> >175 Ω Differential <sup>†</sup>	<b>Dx20-PT Tip</b> >175 Ω Differential <sup>†</sup>	<b>Dx10-PT Tip</b> >175 Ω Differential <sup>†</sup>	<b>Dx20-PT Tip</b> >175 Ω Differential <sup>†</sup>			
	<b>Dx10-QC Tip</b> >125 Ω Differential <sup>†</sup>	<b>Dx20-QC Tip</b> >125 Ω Differential <sup>†</sup>	<b>Dx10-QC Tip</b> >100 Ω Differential <sup>†</sup>	<b>Dx20-QC Tip</b> >100 Ω Differential <sup>†</sup>			
	Dx10-SP Tip >40 Ω Differential <sup>†</sup>	Dx20-SP Tip >40 Ω Differential <sup>†</sup>	Dx10-SP Tip >40 Ω Differential <sup>†</sup>	Dx20-SP Tip >40 Ω Differential <sup>†</sup>	650 0 10 011	1000 0 10 011	
Impedance (Mid-band, typical)	Dx10-SI, Dx10-QL-SI, and Dx10-HiTemp 275 Ω at 3 GHz, 175 Ω at 6 GHz	<b>Dx20-SI, Dx20-QL-SI,</b> and Dx20-HiTemp 475 Ω at 3 GHz, 250 Ω at 6 GHz	Dx10-SI, Dx10-QL-SI, and Dx10-HiTemp 400 Ω at 2 GHz, 200 Ω at 4 GHz	<b>Dx20-SI, Dx20-QL-SI,</b> and Dx20-HiTemp 700 Ω at 2 GHz, 350 Ω at 4 GHz	650 Ω at 3 GHz, 200 Ω at 6 GHz (Differential)	1000 Ω at 2 GHz, 450 Ω at 4 GHz (Differential)	
	<b>Dx10-PT Tip</b> 200 Ω at 3 GHz, 200 Ω at 6 GHz	<b>Dx20-PT Tip</b> 200 <b>Ω</b> at 3 GHz, 200 <b>Ω</b> at 6 GHz	<b>Dx10-PT Tip</b> 275 Ω at 2 GHz, 175 Ω at 4 GHz	<b>Dx20-PT Tip</b> 275 Ω at 2 GHz, 175 Ω at 4 GHz			
	<b>Dx10-QC Tip</b> 125 Ω at 3 GHz, 125 Ω at 6 GHz	<b>Dx20-QC Tip</b> 125 Ω at 3 GHz, 200 Ω at 6 GHz	<b>Dx10-QC Tip</b> 150 <b>Ω</b> at 2 GHz, 125 <b>Ω</b> at 4 GHz	<b>Dx20-QC Tip</b> 150 Ω at 2 GHz, 150 Ω at 4 GHz			
	<b>Dx10-SP Tip</b> 40 Ω at 3 GHz, 100 Ω at 6 GHz	D <b>x20-SP Tip</b> 40 Ω at 3 GHz, 175 Ω at 6 GHz	<b>Dx10-SP Tip</b> 75 Ω at 2 GHz, 15 Ω at 4 GHz	<b>Dx20-SP Tip</b> 75 Ω at 2 GHz, 15 Ω at 4 GHz			
CMRR (Typical)	30 dB DC	to 10 MHz Hz to 6 GHz	30 dB DC	to 10 MHz Hz to 4 GHz	>40 dB DC to 1 GHz >30 dB 1 GHz to 3 GHz >20 dB to 6 GHz	>40 dB DC to 1 GHz >30 dB 1 GHz to 3 GHz >20 dB 3 GHz to	
Environmental				-		4 GHz	
Temperature Humidity			perating: 0 °C to 40 °C; Non-op ting: 5% to 80% RH (non-conde 9 95% RH (non-condensing), 75°				
ESD Tolerance		Non-operating: 5% to	2 kV (typical), 100 pF, 2 kV		1 above 40 °C		
Dimensions		0 to 3.5 mm (0 to 0.14"), 305 μm (0.012") diameter 0 to 3.0 mm (0 to 0.12"), 75 μm diar					
Dx10-PT/Dx20-PT Positioner	0.55 mm (0.022") Z-axis compliance 0 to 11 mm (0 to 0.43") tip spread at circuit connection				2 mm Z-axis compliance		
Dx10-PT/Dx20-PT Positioner Tip and Dx00A-AT Browser Dx10-SI/Dx20-SI							

\* All Bandwidth and Rise Time measurements are made with an oscilloscope bandwidth greater or equal to the probe bandwidth † Through entire frequency range

# **ORDERING INFORMATION**

Product Description	Product Code
Complete Differential Probes	
4 GHz ProBus2 Differential Probe with Dx10-SI Solder-In Tip (Qty. 1), Dx10-SP Square Pin (Qty. 1), and Dx10-QC Quick Connect (Qty. 1)	D410-A-PB2
4 GHz ProLink Differential Probe with Dx10-SI Solder-In Tip (Qty. 1), Dx10-SP Square Pin (Qty. 1), and Dx10-QC Quick Connect (Qty. 1)	D410-A-PL
4 GHz ProBus2 Differential Probe with Dx20-SI Solder-In Tip (Qty. 1), Dx20-SP Square Pin (Qty. 1), and Dx20-QC Quick Connect (Qty. 1)	D420-A-PB2
4 GHz ProLink Differential Probe with Dx20-SI Solder-In Tip (Qty. 1), Dx20-SP Square Pin (Qty. 1), and Dx20-QC Quick Connect (Qty. 1)	D420-A-PL
6 GHz ProBus2 Differential Probe with Dx10-SI Solder-In Tip (Qty. 1), Dx10-SP Square Pin (Qty. 1), and Dx10-QC Quick Connect (Qty. 1)	D610-A-PB2
6 GHz ProLink Differential Probe with Dx10-SI Solder-In Tip (Qty. 1), Dx10-SP Square Pin (Qty. 1), and Dx10-QC Quick Connect (Qty. 1)	D610-A-PL
6 GHz ProBus2 Differential Probe with Dx20-SI Solder-In Tip (Qty. 1), Dx20-SP Square Pin (Qty. 1), and Dx20-QC Quick Connect (Qty. 1)	D620-A-PB2
6 GHz ProLink Differential Probe with Dx20-SI Solder-In Tip (Qty. 1), Dx20-SP Square Pin (Qty. 1), and Dx20-QC Quick Connect (Qty. 1)	D620-A-PL
4 GHz ProBus2 Differential Probe with Adjustable Tip	D400A-AT-PB2
6 GHz ProBus2 Differential Probe with Adjustable Tip	D600A-AT-PB2
6 GHz ProLink Differential Probe with Adjustable Tip	D600A-AT-PL
Positioner Tip (Browser) Kits	
WaveLink Dx10-PT Adjustable Positioner Tip Kit. For use with Dx10 amplifiers.	Dx10-PT-KIT
WaveLink Dx20-PT Adjustable Positioner Tip Kit. For use with Dx20 amplifiers.	Dx20-PT-KIT
QuickLink Solder-In Tip Set	
QuickLink Solder-In starter pack for use with Dx10 amplifier. Includes one QuickLink adapter and three QL-SI tips.	Dx10-QL-3SI
QuickLink Solder-In starter pack for use with Dx20 amplifier. Includes one QuickLink adapter and three QL-SI tips.	Dx20-QL-3SI
Hi-Temp Leads	Dv10-HiTemp

WaveLink Temperature Extension Cables for Dx10. Includes set of Matched 30" High Temperature Cables (Qty. 1) and solder-in lead set (Qty. 1)	Dx10-HiTemp
WaveLink Temperature Extension Cables for Dx20. Includes set of Matched 30" High Temperature Cables (Qty. 1) and solder-in lead set (Qty. 1)	Dx20-HiTemp

Product Description	Product Code
Accessories	
Cascade Microtech EZ-Probe Positioner	EZ PROBE
Probe Deskew and Calibration Test Fixture	TF-DSQ
Calibration Options	
NIST Calibration for D410-A. Includes test data.	D410-A-CCNIST
NIST Calibration for D420-A. Includes test data.	D420-A-CCNIST
NIST Calibration for D610-A. Includes test data.	D610-A-CCNIST
NIST Calibration for D620-A. Includes test data.	D620-A-CCNIST
NIST Calibration for D400A-AT. Includes test data.	D400A-AT-CCNIST
NIST Calibration for D600A-AT. Includes test data.	D600A-AT-CCNIST
Replacement Parts	
Single replacement QuickLink Solder-In Tip	QL-SI-1Pack
9-pack of replacement QuickLink Solder-In Tip	QL-SI-9Pack
Replacement Dx10-SI 4 & 6 GHz Solder-In Lead with	Dx10-SI
Qty. 5 Spare Resistors.	
Replacement Dx20-SI 4 & 6 GHz Solder-In Lead with	Dx20-SI
Qty. 5 Spare Resistors.	
Replacement Dx10-QC 4 & 6 GHz Quick Connect Lead	Dx10-QC
Replacement Dx20-QC 4 & 6 GHz Quick Connect Lead	Dx20-QC
Replacement Dx10-SP 4 & 6 GHz Square Pin Lead	Dx10-SP
Replacement Dx20-SP 4 & 6 GHz Square Pin Lead	Dx20-SP
Replacement SI Resistor Kit for Dx10/Dx20 - Kit of 20	PKxx0-SI
Replacement QC Resistor Kit for Dx10/Dx20 - 2 kits of 20	PKxx0-QC
Qty. 4 Replacement Pogo Pin Tips and Qty. 2	Dxx0-PT-TIPS
Replacement Sockets for Dx10-PT and	
Dx20-PT Adjustable Positioner Tips.	DV6000T 2
Replacement Probe Tip Holder Kit	PK600ST-3
Replacement Platform/Cable Assembly Mounting Kit Quantity 1 Package of Black Adhesive Pads (10/pkg) and	PK600ST-4 Dxx0-PT-TAPF
Quantity T Package of Black Adnesive Pads (TU/pkg) and	DXXU-PI-TAPE

Product Code

Dxx0-PT-GUIDES

#### **Customer Service**

Product Description

Teledyne LeCroy oscilloscopes and probes are designed, built, and tested to ensure high reliability. In the unlikely event you experience difficulties, our digital oscilloscopes are fully warranted for three years and our probes are warranted for one year.

This warranty includes:

No charge for return shipping

(200 individual guides/package)

- · Long-term 7-year support
- Upgrade to latest software at no charge

Quantity 1 Package of White Adhesive Pads (10/pkg) Quantity 1 Package of Adhesive Probe Connection Guides



1-800-5-LeCroy teledynelecroy.com Local sales offices are located throughout the world. Visit our website to find the most convenient location.

### **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Teledyne LeCroy:

DX20-SI DX20-SP DX10-SP DX10-QC DX20-PT DX20-QC DX10-SI PKXX0-SI