Pickering - LXI Solutions Map

0000000	LOW FREQUENCY MATRICES														
	High Density							High Power		Low Thermal EMF		Switched Guard Matrix			
	S. da dalle	BIRST BIRST	BIRST eBIRST		BIRST BIRST	BIRST BIRST	BIRST BIRST	BIRST BIRST			cschalae	The same of the sa	eBIRST		School Control of the
Features		 Single Pole High Density Matrix Up to 4096 Crosspoints Dual Analog Bus 	 Single Pole High Density Matrix Up to 4096 Crosspoint Dual Analog Bus 	Double Pole High Density Matrix Up to 4096 Crosspo Dual Analog Bus	 Single Pole High Density Matrix Up to 4096 Crosspoints X and Y Axis Loop-Thru Easily Expanded to Larger Sizes 	 Single Pole High Density Matrix Up to 4096 Crosspoints Y Axis Loop-Thru Easily Expanded to Larger Sizes 	 Single Pole High Density Matrix Up to 1600 Crosspoints X and Y Axis Loop-Thru Easily Expanded to Larger Sizes 	Add Between Or	Matrix Sizes, Multiple Analog Buses ne and Six Plug-in Modules sts & Triggering Reduce Test Times		Scalable Matrix With Y size of 10 User Configurable X Dimension Loop-Thru Connections For Expansion	Up to 256 Crosspoints	1-Pole Low Thermal EMF Matrix Up to 1848 Crosspoints Uses Instrumentation Grade Reed Relays	 1-Pole Low Thermal EMF Matrix Up to 1848 Crosspoints Uses High Quality Electro-mechanical Relays 	 Up to 10¹² Ω Isolation Resistance Scalable in X and Y using Loop-Thru Connectivity
Model Family	65-219	60-550 60-551	60-553	60-555	60-556 60-552	60-554	60-590	65-221	65-223 65-225	65-227	65-239	60-600	60-510	60-511	65-290
Configurations	Between 10x40 & 50x40 (60x40 with no Y access) or between 10x20 & 50x20 (60x20 with no Y access)	1-Pole: Between 1-Pole: Between 128x8 and 512x8 128x4 and 512x4	1-Pole: Between 256x4 and 1024x4	192x8 and 1	le: Between 92x4 and 512x4 Between 16x64 and 64x64	1-Pole: Between 64x16 and 256x16	40x20 or 40x40 (can be used as Dua 40x20), Includes two "S" buses with Isolation Switching		64x8 to 768x8, 6 Analog Buses 32x16 to 384x16, 3 Analog Buses	32x32 to 192x32, 1 Analog Bus	Between 10x10 & 60x10 (60x10 with no Y access) or between 8x10 & 48x10 (48x10 with no Y access)	1-Pole: Single 16x16, 16x8, 16x4, 32x8, 32x4, 64x4 or Dual 16x8, 32x4	1-Pole: Single, 56x33, 44x33, 42x33, 28x33 or 14x33	1-Pole: Single, 56x33, 42x33, 28x33 or 14x33	1-Pole: Up to 1536 Crosspoints via Plug-in Modules
Relay Type				Electro-mec	anical			Picke	ring Instrumentation Ruthenium Rec	ed	Electro-m	nechanical	Ruthenium Reed	Electro-mechanical	Ruthenium Reed
Max Switch Voltage	220 VDC/125 VAC	300 VDC/250 VAC	150 VDC/100 VAC	300 VDC/250	/AC 300 V	DC/250 VAC	180 VDC/130 VAC		150 VDC/100 VAC		125 VDC/250 VAC	400 VDC/250 VAC Cold Switching, 125 VDC/250 VAC Hot Switching	150 VDC/100 VAC	200 VDC/170 VAC	100 V
Max Switch/Carry Current				2A					1 A		8.8	10 A	0.5 A Switch, 1 A Carry	1 A	250 mA
Max Switch Power				60W					20 W		240 W/2000 VA	300 W/2500 VA	10 W	60 W	-
Typical Operate Time	4 ms	3 ms Crosspoint, 6 ms Crosspoint + Isolation	4 ms Crosspoint, 8 ms Crosspoint + Isolation	3 ms Crosspoint, 6 ms + Isolation	Crosspoint 3 ms	3 ms Crosspoint, 6 ms Crosspoint + Isolation	3 ms		2 ms		10 ms	10 ms	0.5 ms	3 ms	<2 ms
Connector Type	15-pin D-type & 50-pin D-type	78-pin D-type	160	0-pin DIN 41612	78-pin D-type	78-pin D-type & 25-pin D-type	50-pin D-type & 25-pin D-type		200-pin		20-pin GMCT	8-pin Power D-type	37-pin D-type	& 25-pin D-type	MMCX
Enclosure Size	2U High, Full Rack Width, 500 mm Deep	1U Hig	h, Full Rack Width, 500 mm	n Deep		1U High, Full Rack Width, 500 mm De	ep	2U	High, Full Rack Width, 500 mm Deep		2U High, Full Rack Width, 500 mm Deep	1U High, Full Rack Width, 500 mm Deep	2U High, Full Rack	Width, 500 mm Deep	2U High, Full Rack Width, 500 mm Deep

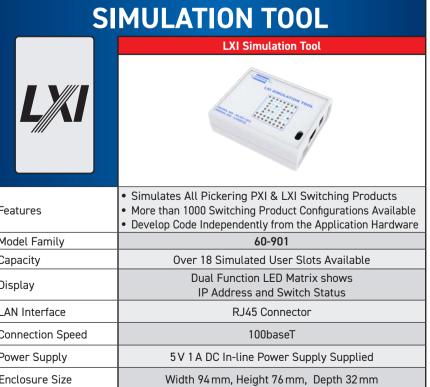
		OPTICAL SWIT	CHING					
	Fiber Optic Matrix	Fiber Optic Multiplexers						
	Schaffe estations of Land Control Cont		Schaffe de littéentété le littéentétété le littéentété le littéentétété le littéentététété le littéentététététététététététététététététét					
Features	Single-Mode or Multi-Mode Fiber Support MEMS Based Actuation For Long Life and Fast Operation	 Single-Mode Fiber Support MEMS Based Actuation For Long Life and Fast Operation Loop-Thru Option For Easy Expansion 	 Multi-Mode Fiber Support MEMS Based Actuation For Long Life and Fast Operation Loop-Thru Option For Easy Expansion 	 Single-Mode or Multi-Mode Fiber Support MEMS Based Actuation For Long Life and Fast Operation 				
Model Family	65-280	60-850	60-851	65-281				
Configurations	Up to a Single 16x16 orDual 5x5 1-Pole Matrix, or a 2x2 Insert/Bypass Switch via Plug-in Addition	Single 8-Channel, Dual 8-Channel, Single 16-Channel or Single 32-Channel	Single 8-Channel, Dual 4-Channel, Dual 8-Channel, Single 16-Channel, Single 32-Channel or Dual 2x2	Up to Single 32-Channel via Plug-in Addition				
Switching Technology	MEMS (Micro Electro-Mechanical Systems)		MEMS (Micro Electro-Mechanical Systems)					
Wavelength	1240 nm to 1640 nm	1240 nm to 1640 nm	700 nm to 1700 nm	1240 nm to 1640 nm				
Internal Fiber Type	SM 9/125	SM 9/125	MM 62.5/125	SM 9/125				
Typical Operate Time	<1ms (Matrix <10 ms)		1 ms	<1 ms				
Cycle Rate	500/sec		500/sec	500/sec				
Connector Type	FC/APC, FC/PC, SC/PC, ST, LC	FC/APC, FC/PC, SC/PC, MU, LC	SC, ST	FC/APC, FC/PC, SC/PC, ST, LC				
Enclosure Size	2U High, Full Rack Width, 500 mm Deep	1U High, Full R	ack Width, 340 mm Deep	2U High, Full Rack Width, 500 mm Deep				

LOW FR	EQUENCY MUX
	High Density Cycliative Cycliative Cycliative Cyclindric Cyclind
Features	 Scalable MUX with 4 Y-Axis Connections 4 x 4-Wire Internal Analog Buses Hardware Interlock Available
Model Family	65-260
Configurations	2-Pole: 96 to 576-Channels
Relay Type	Electro-mechanical
Max Switch Voltage	110 VDC/125 VAC
Max Switch/Carry Current	2 A
Max Switch Power	30 W
Typical Operate Time	<4ms
Connector Type	104-pin D-type & 5-pin Series 1B
Enclosure Size	2U High, Full Rack Width, 500mm Deep

		HIGH VO	LTAGE SWITCHES		
	SPST Switch		Multiplexer		
1	Scalable			BIRST BIRST BIRST	Schalle
Features	 Modular Design Up to 9 kV Rating Hardware Interlock Available	 Double Pole High Voltage Matrix Up to 600 Crosspoints Up to 1000 V Rating 	Double Pole High Voltage MatrixUp to 900 CrosspointsUp to 750 V Rating	 Single Pole High Voltage Modular Matrix Up to 1200 Crosspoints via Plugin Modules Up to 1kV Rating 	Modular DesignUp to 9 kV RatingHardware Interlock Available
Model Family	65-233	60-310	60-311	65-218	65-231
Configurations	Up to 300 SPST Switches by Plugin Addition	2-Pole: Single 100x2, 200x2 or 300x2	2-Pole: Single, Dual or Triple 75x4	1-Pole: Up to a Hex 50x4 or 300x4 by 50x4 Plugin Addition	1-Pole: Up to a 288 to 1 MUX by Plugin Addition
Relay Type	Tungsten Reed	High Voltage Rhodium Reed	Electro-mechanical	Electro-mechanical	Tungsten Reed
Max Switch Voltage	9 kV	750 VDC Working/1000 VDC Typical Cold Switching, 500 VDC Hot Switching	750 VDC Continuous/1000 VDC Pulse Cold Switching, 220 VDC/250 VAC Hot Switching	Up to 1000 VDC	9 kV
Max Switch/Carry Current	0.25 A	1 A	2 A Cold Switching, 1 A Hot Switching	2 A Switch, 2 A Carry	0.25 A
Max Switch Power	50 W	10 W	30 W Hot Switching	60 W	50 W
Typical Operate Time	3 ms	0.5 ms	3 ms Crosspoint, 6 ms Crosspoint + Isolation	<5 ms	3 ms
Connector Type	REDEL S Series (51-Pin) HV	5	60-pin High Voltage D-type & 9-pin High Voltage	D-type	REDEL S Series (51-Pin) HV
Enclosure Size	2U High, Full Rack Width, 500 mm Deep	2U High, Full Rack Width, 500 mm Deep	3U High, Full Rack Width, 500 mm Deep	2U High, Full Rack Width, 500 mm Deep	2U High, Full Rack Width, 500 mm Dee

	20 mgm, rak nack water, 300 mm beep	,	Wideli, O-formin beep	o riigii, i da rack widari, ooo iiiii beeb		Enclosure Size		,		20 High, Fate Nack Width, 300 Hill Deep	
0000000					RF & MICROV	WAVE MATRICES					
	Video Matrix	High Frequency Matrix	Wideband Matrix	RF Matrix - 1 GHz			RF Matrix - 2.4 GHz			Microwave Matrix	
	***************************************	[3333333 9999999 w]	CSERVINE	Othersteen seasonalds		**************************************		***************************************			
Features	 Single or Dual 24x8 Matrix Suitable For Video Switching Applications Choice of RF Connectors 	 Single or Dual 24x8 Matrix 50 MHz Bandwidth, Usable to 100 MHz SMB or BNC RF Connectors 	Plug In As Many Cards As Required	 High Bandwidth 75 Ω Matrix Usable to 1.5 GHz Automatic Termination of Unused Inputs 			 High Bandwidth 50 Ω Matrix Y Axis Loop-Thru Automatic Termination of Unused Inputs 	5		Versatile Microwave Matrix Switching Solution Loop-thru Option for Easy Expansion Internal Termination Option	
Model Family	60-711	60-760	65-110A	60-730	60-731	60-732	60-770	60-771	60-772	60-750	60-751
Configurations	Single or Dual 24x8 (Software Configurable)	Single or Dual 24x8 (Software Configurable)	RF Matrix with Sizes Between 24x8 and 104x8 or Between 16x16 and 104x16	32x16 Terminated, 24x16 Terminated 16x16 Terminated	32x8 Terminated, 24x8 Terminated, 16x8 Terminated, 8x8 Terminated	32x4 Terminated, 24x4 Terminated, 16x4 Terminated, 8x4 Terminated	32x16 Terminated, 24x16 Terminated, 16x16 Terminated	32x8 Terminated, 24x8 Terminated, 16x8 Terminated	32x4 Terminated, 24x4 Terminated, 16x4 Terminated, 8x4 Terminated	Single or Dual 3x3, Single or Dual 4x4, Single 8x4, Optional Loop-thru and/or Terminations	Single 3x3, Single 4x4, Optional Loop-thru and/or Terminations
Impedance	75 Ω	50 Ω	50 Ω		75 Ω			50 Ω		50 Ω	
Frequency Range	DC to 25 MHz	DC to 50 MHz (Usable to 100 MHz)	200 MHz Usable to 500 MHz		DC to 1 GHz (Usable to 1.5 GHz)			DC to 2.4 GHz		DC to 10 GHz	DC to 18 GHz
Insertion Loss	<0.75 dB	<1 dB	<1 dB to 50 MHz		<2.5 dB			<2.5 dB		<2.5 dB	<3dB
Max Power	30 W	10 W	0.25 W (Limited by Termination Resistors)		0.125 W (Limited by Termination Resistors)			0.5 W (Limited by Termination Resistors)		100 W (1 W for Terminat	on Resistors)
Typical Operate Time	3 ms	3 ms	5 ms		3 ms			3 ms		18 ms	
Relay Type	Electro-mechanical	Electro-mechanical	Electro-mechanical		Electro-mechanical			Electro-mechanical		Microwave Re	lay
Connector Type	SMB, MCX or BNC	SMB or BNC	SMB		F-type			SMA		SMA	
Enclosure Size	1U High, Full Rack Width, 340 mm Deep or 2U High, Full Rack Width, 500 mm Deep	1U High, Full Rack Width, 340mm Deep or 2U High, Full Rack Width, 500mm Deep	4U High, Full Rack Width, 500 mm Deep	6U High, Full Rack Width, 500 mm Deep	3U High, Full Rack Width, 500 mm Deep	2U or 3U High, Full Rack Width, 500 mm Deep	6U High, Full Rack Width, 500 mm Deep	3U High, Full Rack Width, 500 mm Deep	2U High, Full Rack Width, 500mm Deep	2U High, Full Rack Width	500 mm Deep

			RF	& MICROWAV	E MULTIPLEXE	RS				
	Video MUX	RF MUX - High Isolation		Microwave MUX						
		量。整 卷、卷						200 000		
eatures	 High Performance Multiplexer Suitable For Video Switching Applications Automatic Termination of Unused Inputs 	High Performance 12-Channel Multiplexer 1 GHz Bandwidth Single or Dual Multiplexer Banks	High Performance 6-Channel Multiplexer Terminated Versions Available	High Performance 6-Channel Multiplexer	High Performance 4-Channel Multiplexer	High Performance 4-Channel Multiplexer Terminated Versions Available	High Performance 6-Channel Multiplexer Low Loss High Isolation	Flexible Combinations of Front Panel Mounted Microwave Relays up to 67 GHz Plus other RF Components	 Preconfigured Internally Wired Microwave Solutions up to 67 GHz Plus other RF Components 	
odel Family	60-721A	60-722	60-800	60-801	60-802	60-803	60-820	60-890	60-891	
nfigurations	24, 48, 72, 96, 120 or 144-Channel MUX with Terminations	Single or Dual 12-Channel MUX	6-Channel Unterminated 6-Channel Terminated MUX MUX with up to 16 Banks with up to 14 Banks	6-Channel MUX with up to 16 Banks	4-Channel MUX with up to 16 Banks	4-Channel Unterminated 4-Channel Terminated MUX With up to 16 Banks with up to 14 Banks	6 Channel MUX With up to 16 Banks	Including Mixed Configuration	s of Microwave Switches	
pedance	75Ω	75Ω	50 Ω	50Ω	50 Ω	50 Ω	75 Ω	50 Ω, 75 Ω οι	Mixed	
uency Range	1 GHz	1 GHz	18 GHz, 26.5 GHz, 40 GHz, 50 GHz or 67 GHz	6 GHz, 18 GHz,	26.5 GHz or 40 GHz	18 GHz, 26.5 GHz, 40 GHz, 50 GHz or 67 GHz	2.5 GHz			
tion Loss	3.5 dB	1.3 dB	0.5 dB(18 GHz), 1.7 dB(67 GHz)	0.2 dB ((up to 3 GHz)	0.5 dB(18 GHz), 1.7 dB(67 GHz)	0.3 dB			
Power	0.5 W (Limited by Termination Resistors)	400 W	100 W/1 W per Termination (18 GHz), 1 W (67 GHz)	250 W ((up to 3 GHz)	100 W/1 W per Termination (18 GHz), 1 W (67 GHz)	400 W (up to 1 GHz)	Build Dependent		
cal Operate Time	5 ms	20 ms	18 ms		13 ms	18 ms	18 ms			
у Туре	Electro-mechanical	Microwave Relay	Microwave Relay	Micro	wave Relay	Microwave Relay	Microwave Relay			
nector Type	F-Type	F-Type	SMA, SMA-2.9, SMA-2.4 or SMA-1.85	SMA or SN	MA-2.9 (40 GHz)	SMA, SMA-2.9, SMA-2.4 or SMA-1.85	DIN 1.6/5.6	Variou	s	
closure Size	2U or 3U High, Full Rack Width, 500 mm Deep	2U High, Full Rack Width, 500 mm Deep	2U or 3U High, Full Rack Width, 500 mm Deep	1U or 2U High, Full I	Rack Width, 500 mm Deep	2U or 3U High, Full Rack Width, 500 mm Deep	2U High, Full Rack Width, 500 mm Deep	From 1U, Applica	tion Specific	







Pickering - LXI Solutions Map

SWITCHING & SIMULATION SOLUTIONS FROM PICKERING INTERFACES

About Us

At Pickering, we understand that to design, deploy and sustain your test system can be challenging, and we believe in offering you the products and services to help your engineering team get the job done on time and budget. Since 1988, our core focus has and continues to be high-density modular switching and simulation systems for PXI, PCI, LXI and USB applications.

We offer the industry's deepest portfolio (over 1,000 products in PXI alone), but the value doesn't end there. Take a look at the benefits of working with Pickering:

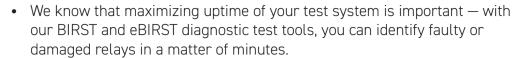
- When our product range doesn't fit your application, we have the agility and expertise needed to develop a system to your specifications, often with little to
- We can also help accelerate software development and test time by offering tools to help with your programming efforts. These include our Switch Path Manager signal routing software that simplifies coding of switching systems, and simulation tools that allow development to begin before your hardware is received.



Reed Relays

Pickering is the only switch provider with in-house reed relay manufacturing capability. These instrument grade reed relays feature **SoftCenter**™ technology, ensuring long service life and repeatable contact performance. In addition, most of our switch modules use through-hole technology relays (as opposed to surface mount) allowing easy replacement without the need for special tools.

Learn more: pickeringrelay.com



- Our products have a history of longevity, typically 15–20 years, which is critical to many of our customers. All products manufactured by us come with a standard 3-year warranty* and include guaranteed long-term
- Our technical staff can address any hardware or software problems you may encounter with Pickering Products. We have multiple offices located around the world and provide access to support engineers that have many years' experience in functional test and are committed to responding in a timely fashion.
- All module and cabling manufacturing processes are done within our two factories on flexible manufacturing lines allowing us to offer simple customization to meet your needs. The chances are good that we can enhance your engineering team's effectiveness with our collaborative, creative and agile culture.



Learn more: pickeringtest.com/whypickering Note*: Currently the 110 GHz products come with a 1-year Warranty

TURNKEY LXI ETHERNET MICROWAVE SWITCH & SIGNAL ROUTING SUBSYSTEMS

60-891 Integrated Solutions

Do you have limited engineering resources or demand performance that can only be delivered with a fully integrated solution?

We have the expertise and ability to turn your high-level requirements for a microwave switching subsystem into the fully integrated solution that you need. You provide us with your unique configuration and specification, and our engineers will work closely with you to provide a well-defined, fully integrated and supportable end product that will satisfy your microwave testing needs.

- A turnkey subsystem with a COTS foundation, optimized for size and performance
- Simulated RF performance, 3D model, and datasheet provided before the build
- Fully documented and tested, with results shared prior to delivery
- Integrated into Pickering's commercial manufacturing
- Tied to commercial obsolescence mitigation strategy
- Support for a wide variety of software application
- Endpoint-to-endpoint signal routing application included
- 3-year warranty and typical 20-year support

For complex subsystems, our **Switch Path Manager** signal routing software can be used to significantly reduce integration time. Another important tool we offer is the **LXI hardware simulator**, this tool allows you to develop and test the system software independently from your application hardware.

Visit **pickeringtest.com/turnkey** to learn more.

Example Turnkey Microwave Switching Systems



12x12 Microwave Matrix

SP36T Microwave Multiplexer

LXI ETHERNET/USB MODULAR CHASSIS & ASSOCIATED MODULES



2-Slot (60-104), 4-Slot (60-105) & 6-Slot (60-106)



18-Slot LXI/USB Modular Chassis (60-103)



7-Slot LXI/USB Modular Chassis (60-102)

All of our LXI Modular chassis are capable of hosting an extensive range of our PXI switching & simulation modules in an LXI environment, allowing remote control over a gigabit Ethernet or USB3 connection.

In our PXI switching range, these include general purpose relays, matrices, multiplexers, RF switches and special

fitted with a combination of high density



switching functions such as fault insertion and serial communications. In our simulation range, these include a selection of modules such as programmable resistors, digital I/O, power supplies, battery simulators and attenuators. For example, our 18-slot chassis can be



relay modules, matrix modules, multiplexers, power relays, microwave shown above. Giving you enormous flexibility to define a switching/T&M system that exactly meets your

For more information go to: **pickeringtest.com/lxi**

Mass Interconnect

We recommend the use of a mass interconnect solution when

an Interchangeable Test Adapter (ITA) is required to be used

with a PXI based test system. The complete range of our PXI

modules are fully supported by both VPC and MacPanel mass

FLEXIBLE LXI ETHERNET MICROWAVE SWITCH PLATFORMS

60-890 Microwave Switch

These **flexible**, **configurable LXI microwave switch platforms** may be specified with a mix of high-performance microwave relays up to 110 GHz bandwidth with 50Ω impedance or up to **2.5 GHz** with **75** Ω and a range of connector types.

- Available relays include **Transfer, SPDT, SP4T,** SP6T, SP8T, SP10T and SP12T in unterminated and **terminated** versions
- Flexibility in front-panel relay positioning helps minimize external interconnecting cable lengths
- **LED indication** of energized switch paths
- Compact **1U** to **6U form factors**. An example is our LXI Microwave Multiplexers, offering the highest density configuration possible, packaging up to 16 multiplexers in a 2U high rack-mount enclosure
- Excellent RF and repeatability characteristics

Example 60-890 Switches



Microwave Switch Design Tool

Configuring an application-specific PXI or LXI microwave signal routing system, or RF Interface Unit (RFIU), has never been easier than with our new Microwave Switch Design Tool (MSDT). This free on-line graphical tool lets test system designers quickly and easily model and verify their RFIU designs in a virtual modelling environment, reducing risk and accelerating design-to-production. It couples intuitive graphical schematic design, using a comprehensive internal library of components and cables, with the ability to simulate every RF path's power loss performance.

System test engineers can create and optimize the design to meet their required specifications, and then seamlessly model the external interface panel of a flexible or turnkey RFIU. They can then electronically share the completed project with Pickering's engineering team and collaborate to further optimize the design and help overcome any technical challenges. Once the design is fit for purpose and approved for production, our experienced microwave team will rapidly manufacture a complete application-specific RFIU as detailed in the 60-890 and 60-891 sections above.



CONNECTIVITY

Cables & Connectors

To support our products we offer a comprehensive range of cable & connector solutions: 20+ connector product families

Our Cable Design Tool is a free online tool that allows you to

define a cable assembly to exactly meet your requirements. Graphical design of customized cable assemblies

• Built-in library of standard cable sets can be used

as the basis for customization, or cables can be

The ability to store cable assemblies in the Cloud

• Each cable design has a PDF documentation file

 Allows detailed design including; connector types, wire type, pin definitions, pin & cable labelling, cable bundling, length selection, sleeving, comments, etc.

 Over 1000 individual products Customized cabling

and develop them over time

detailing all the specifications

Add your own connectors and wires

For more information visit: pickeringtest.com/cables-connectors

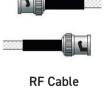


Cable Design Tool





Assemblies





Assemblies



DIN Rail Mounted Connector Blocks





interconnect solutions.

Module Mounted









Ethernet Controlled Switching for Test, Measurement and Data Acquisition

- General purpose
- Chassis support for 1000+ modular solutions
- Matrices
- Custom designed and turnkey solutions
- Multiplexers Flexible microwave switch platforms
- 400+ Switching systems Connectivity & Cables



Pickering's LXI Solutions Map is a single sheet reference to our range of LXI Switch Systems and LXI Modular Solutions, including their basic specifications and cabling options.



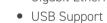


LXI Solutions Map

LXI is the power of Ethernet and the Web applied to Test & Measurement (T&M) instruments, offering you new possibilities in test systems—local, remote, distributed and time-aware. Pickering is a Strategic Member of the LXI Consortium. We were early adopters of the LXI standard to provide a standardized interface for Ethernet (LAN) controlled instruments and continue to be active in the specification's evolution. For more information on the LXI Standard, please visit their website at lxistandard.org.

We manufacture a wide range of LXI (Ethernet controlled) switching solutions, including low-frequency matrices, multiplexers, RF & Microwave up to 110 GHz, optical systems, as well as LXI/USB modular chassis and Turnkey

- Extensive Range of Switching: Matrix, MUX and General Purpose
- Turnkey LXI Microwave Switch and Signal Routing Subsystems
- Comprehensive Range of Cables and Connectors • Standard Three Year Warranty on all Modules and Switch Systems
- RF/Microwave Switching to **110 GHz** High Current to 10 A, High Voltage to 9 kV
- Gigabit Ethernet control interface





Example Turnkey Microwave Switch Solutions from Pickering

Switching | Simulation | Programmable Resistors | Custom Design | Software | Reed Relays | Connectivity & Cables



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