## Pickering LXI Solutions Map－2018



|  | Low Frequency Matrices |  |  |  |  |  |  | Optical Switching |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hagh Power |  |  |  | Lownemat Mr $^{\text {a }}$ |  |  | Fiber O | Multiplexers |  |
|  |  |  |  | $8$ |  |  |  | THinvidndolididi i |  |  |
| Featues | －Scalable Matrix With Y size of 10 －User Configurable X Dimension －Loop－Thru Connections For Expansion | －Single Pole Power Matrix －Up to 256 Crosspoint | －Up to 600 Crosspoín | －Double Pole High Voltage Matrix －Up To 750 V Rating |  | - 1-Pole Low Thermal EMF Matrix －Up to 1848 Crosspoints －Uses High Quality Electro－ |  |  |  |  |
| Elemiv | 66239 | 60.600 | 60.310 | 66311 | 60.50 |  |  | Operation －Loop－Thru Option For Easy Expansion |  |  |
| Sigurious | （eamen | 为 | Singef 1002．2002er |  | Seeme | 边 | Ioteremiy | 60.850 |  |  |
| Reas）Tree | Eletaromenanalal |  | Haglvolase R hodium Reed | Eeetromenamical |  | Eextornemanical | Confuruaios |  |  |  |
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| Mas simitharay | ${ }_{8} 8$ |  |  |  |  | ， | Smationg |  |  |  |
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| Comedoripe | 20.0 inimer | 8．in Pomere：Pree | Soprin |  |  |  | TVpialoperaie Tine |  | ms |  |
| Enosuses Size |  |  |  |  |  |  | Cricerate | sobsec |  |  |
|  | 90.410 | ${ }^{90} 0120$ | 9.005088800038 |  | 90．0078 80．0．008 |  | Comedetr |  |  |  |
| Spar Reay Kis |  | 9 g 11000 | ${ }^{91-1000585}$ |  |  |  | Encosus Sie | UHig | dint Sommoen |  |


|  |  |  | RF \＆Microwave Multiplexers |  |  | 56 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Vitoemux | RF Mux－Hghorsodition | 退 Microwave Mutiplex |  |  |  |  |
|  |  |  | Henteren |  |  |  |  |
| Faumes | High Pertomanae Mulipioxere Suibuble Fov videa Switching Applications Automatic Termination of Unused Inputs | $\begin{aligned} & \hline \text { - High Performance 12-Channel Multiplexer } \\ & \text { - 1GHz Bandwidth } \\ & \text { - Single or Dual Multiplexer Banks } \end{aligned}$ | －High Performance 6－Channel Multiplexer －Up to 16 Multiplexer Banks <br> －Terminated Versions Available |  |  |  | High Performance 6－Channel Multiplexer <br> －Low Loss High Isolation |
| Moseleanily | 6.8274 | 60.72 | 60.300 |  | 60.801 | 60.802 | 60.820 |
| Confurations |  | Singe of Oual 2.2 Cramen MXX | 6－Channel MUX With $4,8,12$ or 16 Banks |  |  |  | mux wnt |
| meatane | 738 | ${ }_{7} 50$ | － |  |  |  | 750 |
| Fexuler Rease | $1 \mathrm{ch} \mathrm{l}^{2}$ | $1 \mathrm{CH2}$ | 186 CHz 26.5 GH 2 |  |  |  | 250 ctr |
| Inetion Loss | 3 56b | ${ }_{1,318}$ | 0．5818 |  | 0 O2ib（uprosectre） |  | 0.3816 |
| vswr | 17.1 | ${ }_{1}^{15.1}$ | ${ }_{1}^{151}$ |  |  |  | ${ }_{1}^{131}$ |
| Maxpower | 0.5 W （mind dy yeminiaion ressoss） | 400w |  |  |  |  | 400w |
| Typeal Oeasale Time | 5 ms | 2 mms | Bms |  | 13 ms |  | Bms |
| Real Tpe | Eetatomenamial | Mcomere Reay |  |  | Mcomene Real |  |  |
| Comedeot Tree | F－Type |  | sma |  |  |  | ${ }^{\text {on．} 1656}$ |
| Enasuse Size |  |  |  |  |  |


|  | Simulation |
| :---: | :---: |
| ［8］ |  |
| Featues | －Simulates All Pickering PXI \＆LXI Switching Products －More Available －Allows C <br> Application Hardwa |
| Mosele faniy | 60.001 |
| Caparay |  |
| Disfay |  |
| LaN neatae | ${ }_{\text {Rus }}$ Comesear |
| ${ }^{\text {Comedios } 5 \text { peed }}$ | 10， 1 aser |
| Punes Supy |  |
| Enosuse Size |  |

## Pickering LXI Solutions Map－2018

## LXI from Pickering Interfaces

Pickering Interfaces were early adopters of the LXI standard as a means of providing a standardized interface for Ethermet（LAN）controlled instruments
－We ffier awide range of switching tunctions including low frequency，high density matrices，RF and microwave matrices and multipexers，and
opical switching． We ofier a wide range of switching functions including low frequency，high density matrices，RF and
optial swicting．
Our LXI Ind LXIUSBB modular chassis support over 1,000 of our PXI switch and simulation modules．
Custom switching solutions available－existing products can be adapeded to meet a specific requirement or a completely custom solution can be
 －We are Strategic Member of the LXI Consortium．

Additional LXI Literature Available


Al literature can be ordereded from one of our sales fifices or
downloaded from：pickeringtest．comlresurucesliterature






New from Pichering，the tigh Density Series 120 reed relay with the
worl＇s s mallest


ETFST Select high density matix solutions are supplied with Suit－ln


QEIRST ${ }^{\text {Most of our switching solutions are supported by our eBIRST }}$ test tools．These simplify suitching sysem fuylfinding



LXI Modular Chassis \＆Associated Modules

．Slot LXI Modular
$\square$ pickering $\_$Pickering Interfaces

## LXI Solutions Map

Ethernet Controlled Switching Solutions for Test，Measurement and Data Aquisition


LXI

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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．
$\square$ pickering $L$ Pickering Interfaces

## LXI Solutions Map

## LXI

－Extensive Range of Switching：Matrix，MUX and General Purpose －Comprehensive Range of Cables and Connectors
－Standard Three Year Warranty on all Modules and Switch Systems －RF／Microwave Switching to 65 GHz －High Current to 40 A ，High Voltage to 1 kV －Gigabit Ethernet control interface －USB Support


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