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Find the *Agilent / PXIT SW6U-OPT 32 LC* at our website: *Click HERE*

www.dc2l.biz

BROADBAND Custom Switching

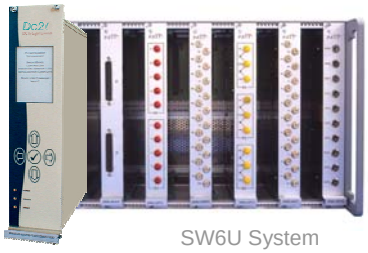
DC to Light Limited

RF / Microwave and Optical Signal Routing

Testing communications systems requires a broad range of switch devices and signal routing configurations. This can create difficulties in realising optimum configurations using standard switching systems. That's why DC2L offers ***two*** custom broadband switching solutions designed to meet our customers' needs. Firstly, DC2L compliments its standard SW6U modular system by providing a custom module service. Secondly, we provide turn-key fully customised systems that leverage our system control technology.

Semi-Custom System : SW6U Modular Platform

The SW6U Broadband Switching Platform comprises DC2L's range of standard DC, RF, Microwave and Optical Switch Modules. The Broadband Controller provides full platform functionality under manual control or via computer interface. GPIB bus, Serial Port (RS232) and TCP/IP network interfaces are supported. Switching modules are housed in a 6U high chassis which can accomodate up to 12 modules. The modular architecture of the SW6U switching system provides an ideal low cost platform for custom modules.



SW6U System

DC2L can provide SW6U Custom Modules, tailored to your needs at surprising value for money! Optimised systems can be realised by combining one or more custom modules with standard SW6U modules, offering the following advantages :

- ✓ **Custom switch / signal conditioning modules**
- ✓ **Combine with standard SW6U modules**
- ✓ **Cost effective ownership**
- ✓ **Ease of maintanance**
- ✓ **Scaleability / Change**



Custom Module

Full-Custom Systems : SW*Custom* Broadband

DC2L can also provide fully customized turnkey signal routing systems complete with integrated sytstem controller. Systems can be provided in a wide variety of enclosure sizes and optimised front panel connection layouts. SW*Custom* systems offer some additional advantages:

- ✓ **Built exactly to customer spec**
- ✓ **Optimised signal routing / losses**
- ✓ **Turnkey package**
- ✓ **Integrated signal conditioning**



Standard Optical Switch Module

Software

Commands Command strings are easy to understand.
Cusomer specified commands can be provided.

info@dc2l.biz

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DC2L Custom Broadband Systems – The Sensible Solution!

Industry Leading SW6U Controller Technology – IEEE-488 , RS-232, Ethernet

Select a full or semi-custom solution from DC2L and you gain access to industry leading controller technology, including our flexible command parser. A complete series of switch commands can be stored and recalled at will, saving program time. Additionally custom commands can be provided – *you define the required command strings and switch routing for each test in your sequence!* Controller software is field upgradeable, so your investment in DC2L controller technology is supported on your doorstep.

- **Front Panel Control / Full Graphics Display option**
- **Switch configuration memory**
- **Flexible command parser**
- **Field upgradable Software**



SW6U Controller

Implement Systems *Fast*

- **DC2L configures and tests the switch system for you**
- **Panel connectors are located and labelled to your requirements**
- **Just connect up and go**

Design Assistance and Applications Support

DC2L's experienced team can provide system design assistance and suggest system topologies to optimise performance. Systems can include in line signal conditioning and specially selected interconnections, such as semi-rigid co-ax. Specialised optical signal conditioning such as OtoE, WDM filters and couplers can be intergated into a switching topology.



Custom System

What our customers say …

"The combination standard SW6U modules and custom solutions allowed us to construct a system that exactly fitted our needs." ……**Godfrey Madill**, Test Services Group Manager, Nortel.

"…very responsive and flexible and we think of them as a strategic supplier of custom solutions." …… **Andy Mackarel**, Test Engineering Manager, Lucent.

Ordering Information

Contact a DC2L representitive for design assistance and system pricing.

DC to Light Limited

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