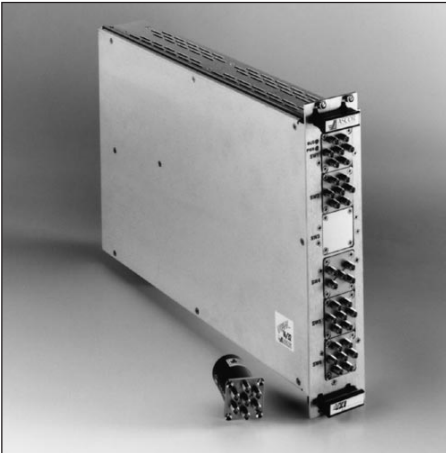


MODEL 3000-2xx

ASCOR 3000-2xx Series DC-to-18GHz VXI Microwave Switches



ASCOR's 3000-2xx, 50 ohm, Microwave Switch Module comes in several convenient configurations to meet your applications:

- Fully Shielded Relays DC to 18 GHz
- Stainless Steel SMA Connectors
- Characteristic Impedance, 50 ohms
- Register Based Programming
- Easy to install relays with out module removal

Un-terminated Switch:

Two slot "C" size VXI Module with up to six (6) 1x2; 1x4; or 1x6 Microwave Switch Trees.

Three slot "C" size VXI Module with up to twelve (12) 1x2; 1x4; or 1x6 Microwave Switch Trees.

Terminated Switch, 50 ohm:

Two slot "C" size VXI Module with up to four (4) 1x2; 1x4; or 1x6 Microwave Switch Trees, with 50 ohm terminations.

Four slot "C" size VXI Module with up to eight (8) 1x2; 1x4; or 1x6 Microwave Switch Trees, with 50 ohm terminations.

A New High Density Dimension In Microwave Switching

ASCOR has designed a comprehensive family of configurable VXI Microwave Switch modules. Each module consists of front mounted "pluggable" switches, all rated at DC-18 GHz. SPDT, SP4T and SP6T switches can be mixed within the same module. Both Terminated switch and Non-Terminated switch configurations offer "pluggable" features. VXI modules range from two-wide to four-wide depending on your requirements.

Flexible, Cost-Effective And Easy To Repair

ASCOR's highly efficient and easily configurable design provides unprecedented flexibility and versatility within VXI Microwave test applications. "Pluggable"

switches also means significantly reduced mean time to repair (MTTR). Just unplug the switch that needs repair. You **do not** have to unplumb the entire module. Save time, money and aggravation. The same is true if you want to change a switch, i.e. from a SPDT to a SP6T.

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-2xx Family supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-2xx customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

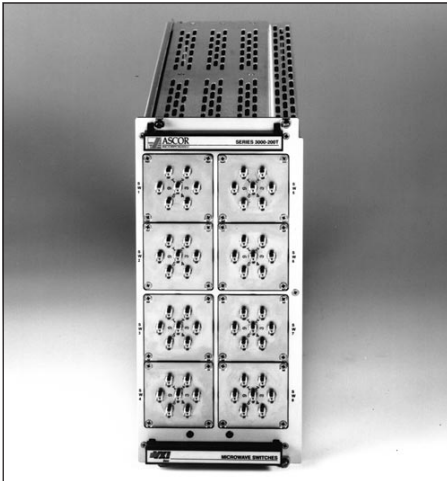


MODEL 3000-2xx

ASCOR 3000-2xx Series DC-to-18GHz VXI Microwave Switches



ASCOR's 3000-2xx DC-to-18GHz VXI Microwave Switch Module Family provides the industry's highest VXI microwave switching capabilities – all in an economical VXI configuration.



Self Testing

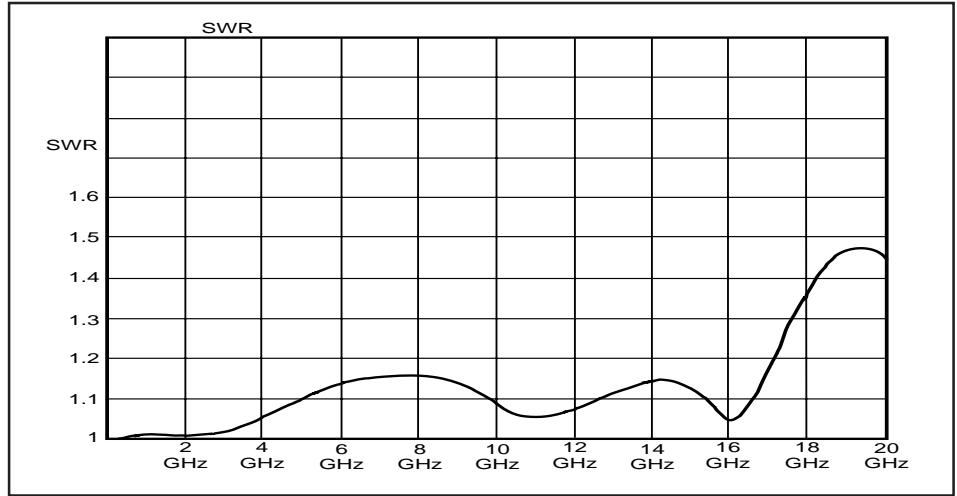
Like all ASCOR VXI Modules, the Model 3000-2xx incorporates internal self test hardware which includes the ability to test, read back and verify the integrity of the program control circuitry, including the relay coils within the Module.

All ASCOR VXI Modules also feature a unique built-in service record, for tracking repairs to the Module by time and date the repair was actually performed.

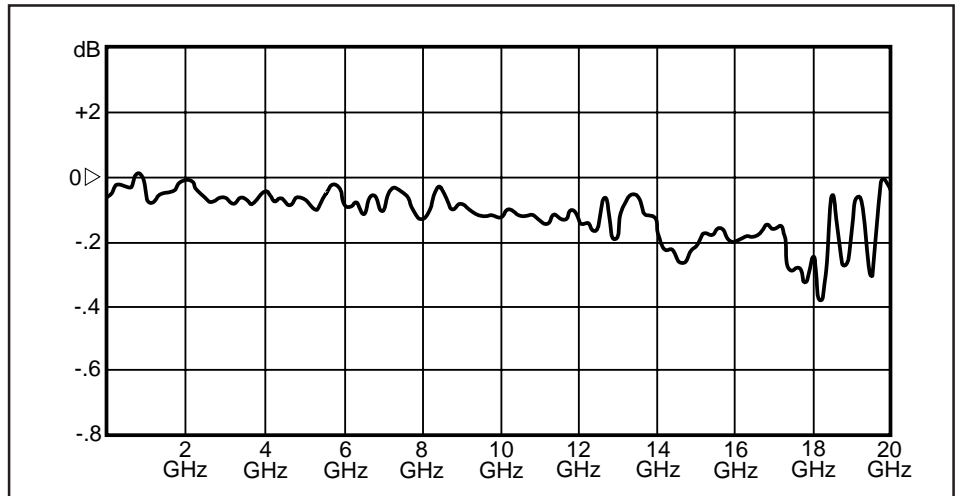
ASCOR also provides a 3 year limited warranty on all VXI Modules.

Quiet Ideas. Powerful Solutions.

ASCOR, founded in 1987 and headquartered in California's Silicon Valley, provides a complete line of VXI Switching and Digital Modules for industrial, medical, scientific and governmental automatic test applications. ASCOR VXI products are the quietest, cleanest, highest density VXI modules commercially available.



Typical VSWR Plot



Typical Insertion Loss

Specifications

Frequency	GHz	DC – 3	3 – 8	8 – 16	16 – 18
VSWR	dB	1.2:1	1.2:1	1.2:1	1.5:1
Isolation	dB MIN	80	70	60	60
Insertion Loss	dB	0.2	0.2	0.3	0.5

- Char Impedence: 50 Ohms
- Switching Time: 20ms
- Actuation Voltage: 12VDC, 160mA
- Operating Temperature Range: -25°C – 85°C
- Connectors: SMA Female Stainless Steel
- Life Expectancy: 10⁶ Cycles
- Operating Mode: Normally open

CE The CE Mark indicates that the product has completed and passed rigorous testing in the area of RF Emissions, Immunity to Electromagnetic Disturbances and complies with European electrical safety standards.

Distributor Information:



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