

MODEL 3000-80

ASCOR 3000-80 Series DC-to-26.5GHz VXI Microwave Switches



ASCOR's 3000-80, 50 ohm, Microwave Switch Module comes in several convenient configurations to meet your applications:

- **Fully Shielded Relays DC to 26.5 GHz**
- **Stainless Steel SMA Connectors**
- **Characteristic Impedance, 50 ohms**
- **Register Based Programming**
- **Easy to install relays with out module removal**

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-26.5 GHz. 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.

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-80 Family supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-80 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.



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Self Testing

Like all ASCOR VXI Modules, the Model 3000-80 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.

Specifications

Frequency	GHz	DC – 4	4 – 8	8 – 12	12 - 18	18 – 25
VSWR	dB	1.15:1	1.25:1	1.30:1	1.40:1	2.00:1
Isolation	dB MIN	75	70	65	60	55
Insertion Loss	dB	0.25	0.30	0.35	0.45	1.00

- Char Impedence: 50 Ohms
- Switching Time: 20mS
- Actuation Voltage:
12VDC, 160mA
- Operating Temperature Range:
-25°C – 85°C
- Connectors:
SMA Female Stainless Steel
- Life Expectency: 2×10^6 Cycles
- Operating Mode: Normally open