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TECHNOLOGY GROUP

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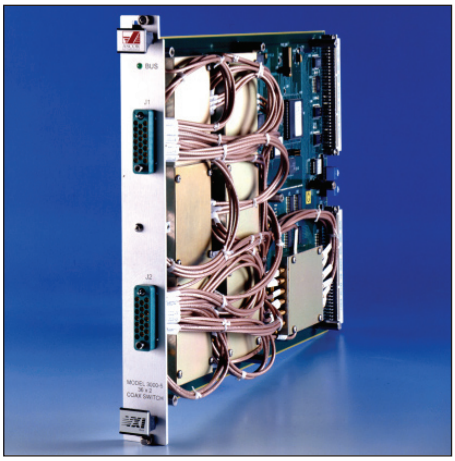
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Find the *Astronics / Giga-tronics / Ascor 3000-05* at our website: ***Click HERE***

MODEL 3000-5

ASCOR Model 3000-5
Ultra-High Frequency VXI 36x2 Coaxial Switch Matrix

ASCOR INCORPORATED
A Giga-tronics Company



ASCOR's Model 3000-5 single-slot, high performance, 36x2 Coaxial Switch Matrix achieves ultra-clean, ultra-high frequency responses in excess of 350 MHz along two simultaneous paths –ideal for use with oscilloscopes, frequency counters, and other instruments in time-delay test and measurement applications; as well as functioning as a high frequency output distributor.

All relays are individually shielded in a coaxial, 50 Ohm environment, to minimize cross- talk and eliminate signal contamination.

Fully Coaxial 36x2 Matrix

Ascor has designed a comprehensive family of pre-customized, no-noise VXI Switching Modules– each expertly tailored to its specific function, in order to minimize customer integration chores.

The fully coaxial, pre-configured Model 3000-5 is the highest band- width (>350 MHz), highest density switching matrix on the market – providing 36 shielded coaxial inputs that can be program-directed to any of two outputs. Conversely, the Model 3000-5 can function as a source distributor or as a stimulus matrix.

Thus, the Model 3000-5 provides the ideal switching environment for such measurement and source test equipment as oscilloscopes, frequency counters, pulse generators and arbitrary function generators.

Unique Design For High Bandwidth, Low Noise

The Model 3000-5's unique design ensures maximum bandwidth and minimal noise by using individually shielded relays in a controlled coaxial cable, 50 Ohm environment.

Everything is carefully designed to maintain impedance, so as not to degrade frequency response, while the fully shielded, isolated ground relays minimize crosstalk and protect against noise injection from outside sources.

Pre-Configured For Optimal Performance

Why struggle to integrate commodity switching components? With the Model 3000-5, ASCOR has designed and built a virtually noise-free, high density, plug-and-play switching matrix – already configured for optimal performance in your measurement and source test applications.



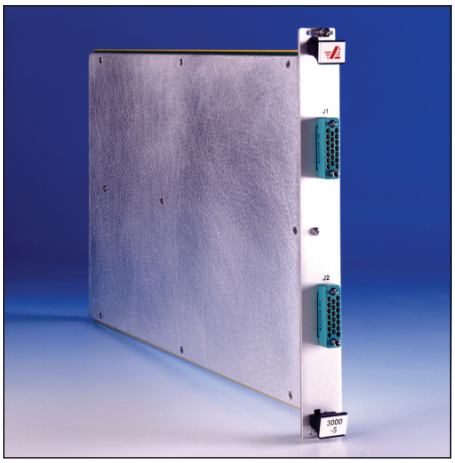
Giga-tronics

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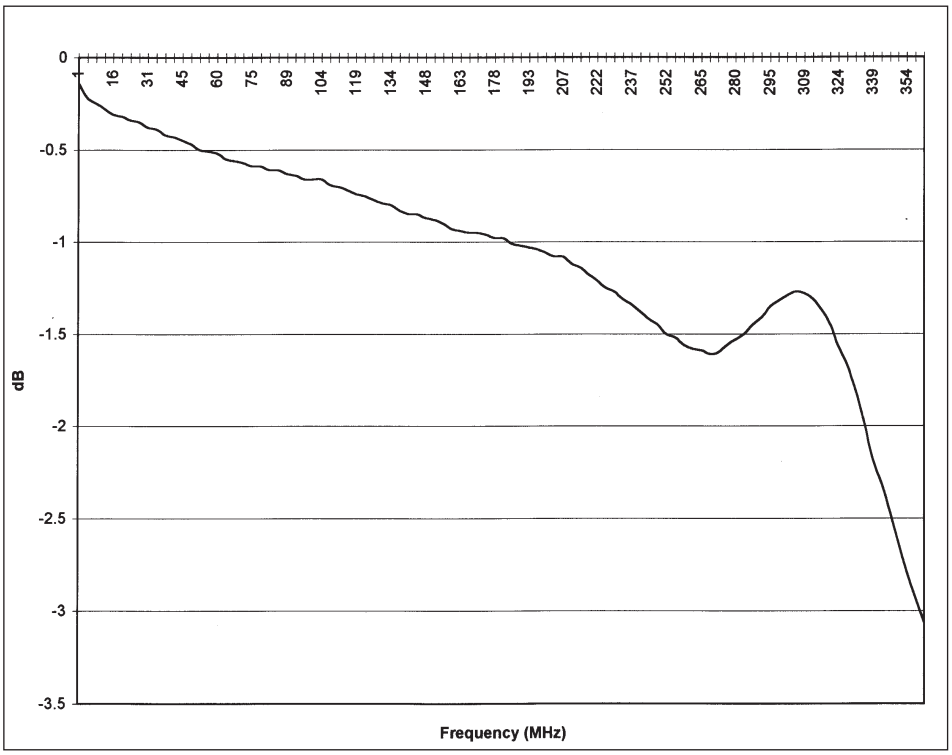
MODEL 3000-5

ASCOR Model 3000-5
Ultra-High Frequency VXI 36x2 Coaxial Switch Matrix

ASCOR INCORPORATED
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ASCOR's Model 3000-5 Coaxial Switch Matrix is a single-slot VXI module, designed to provide ***virtually noise-free, ultra-high frequency responses*** *(see chart at right) along two simultaneous paths.*



Self Testing

Like all ASCOR VXI Modules, the Model 3000-5 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.

About Giga-tronics:
Giga-tronics Incorporated (Nasdaq "GIGA"), headquartered in San Ramon, California, is a leading engineering-and-design manufacturer of best-in-class RF and microwave synthesizers, power meters and broadband switching matrices. R&D, production and calibration managers, scientist, engineers and technicians, around the world, use Giga-tronics test equipment and achieve these benefits in many applications: ATE systems, aerospace & defense, telecommunications and general component test. Don't just test, Giga-Test your best products and systems by using Giga-tronics equipment.

Giga-tronics

Related Products

ASCOR also makes the Model 3000-6 Ultra-High Frequency Coaxial Switch Matrices. This single-slot module has two 18x2 coaxial switch matrices with the same 350 MHz frequency response as the Model 3000-5.

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-5 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-5 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

Specifications

- Voltage: 200 VDC Max
- Current: .5 Amps Max
- Power: 10 Watts
- Char Impedance: 50 Ohm
- 350 MHz at -3dB
- Crosstalk: -50db at 100 MHz
- Insertion Loss: -1dB at 175 MHz
- Register-based
- VXI Power:
  +5 volts @ 1.56 Amps (max.)
- Environmental Specification
  - Temperature
    - Operating: 0° to 55° C
    - Storage: -40° to 75° C
  - Relative Humidity
    - Operating: 10 to 90% non-condensing
    - Storage: 0 to 95% non-condensing
- Installation Kit # 89800020

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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Email: info@gigatronics.com, Website: www.gigatronics.com

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