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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

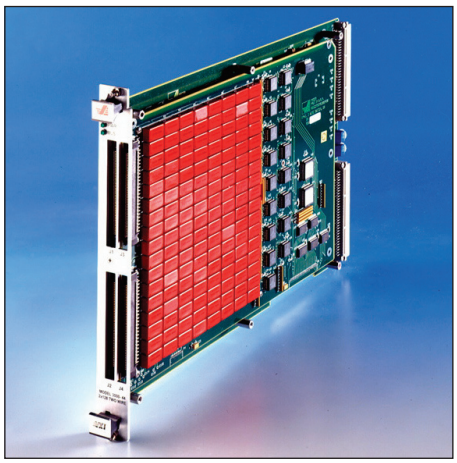
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Find the *Astronics / Giga-tronics / Ascor 3000-44* at our website: ***Click HERE***

MODEL 3000-44

ASCOR Model 3000-44
High-Density, 2x128 Dual Wire VXI Switch Matrix

ASCOR INCORPORATED
A Giga-tronics Company



ASCOR's Model 3000-44 is a Dual Wire 2x128 Switch Matrix, designed for optimum signal versatility and ultra-high performance.

All relays are individually shielded to minimize cross-talk and signal contamination – thus contributing to an industry-leading differential bandwidth in excess of 70MHz, 90MHz typical, for a wide variety of general purpose switching applications.

The Model 3000-44 utilizes ASCOR's VXIMAX™ 16/32 VXIbus interface to support either 16-bit or 32-bit data paths.

High Performance – Greater Than 45MHz

ASCOR has designed a comprehensive family of configurable VXI Switching Modules – each tailored to its specific function, in order to maximize customer flexibility.

The Model 3000-44 is a high-density, dual wire switch matrix featuring individually shielded relays, and a better than 45MHz signal-to-shield bandwidth.

High Density For Maximum Versatility

Designed for versatility in a shielded pairs environment, the 3000-44's relays can be software controlled to meet any switch matrix requirement – all in a single slot module. To maintain maximum bandwidth, automatic destubbing circuits removes relays not in use.

While a single slot configuration is standard, requirements beyond 2x128 can be addressed by expanding the Model 3000-44 in 2x64 increments.

Unique Design For High Bandwidth, Low Noise

The Model 3000-44's unique design ensures maximum bandwidth and minimal noise by using individually shielded relays in a controlled coaxial 50 Ohm environment.

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

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-44 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-44 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.



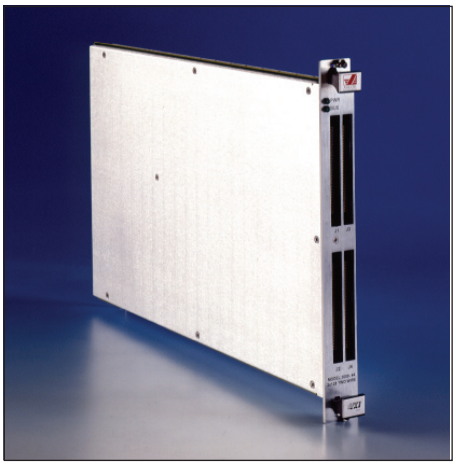
Giga-tronics

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MODEL 3000-44

ASCOR Model 3000-44
High-Density, 2x128 Dual Wire VXI Switch Matrix

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The Model 3000-44 is designed for high speed switching, including differential signals via twisted shielded pairs.

Self Testing

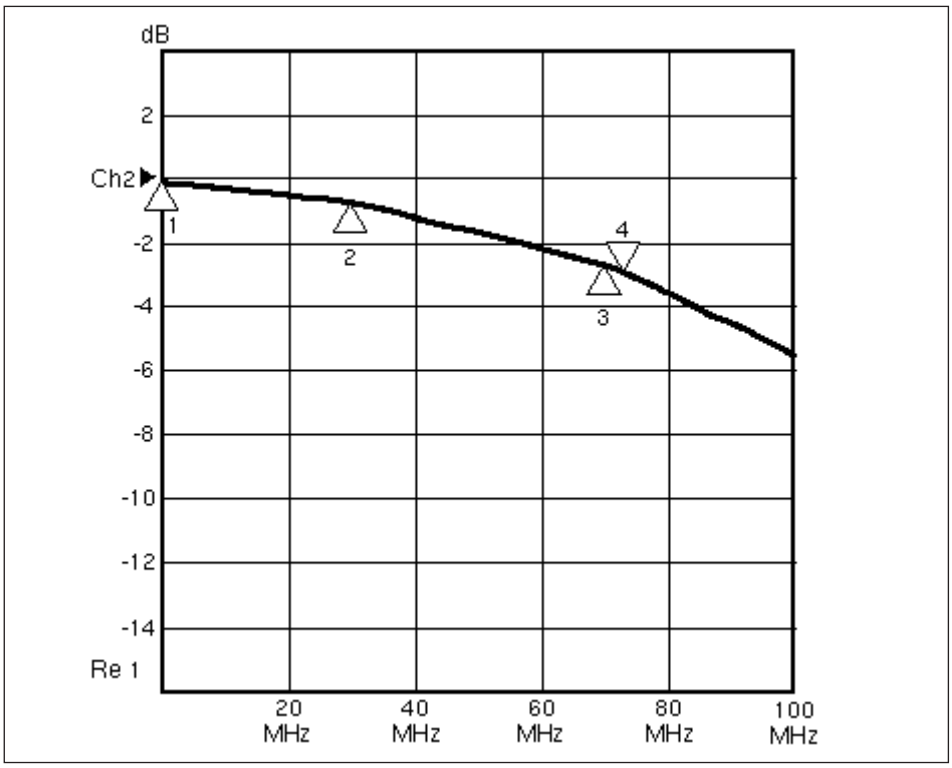
Like all ASCOR VXI Modules, the Model 3000-44 incorporates internal self test hardware which includes the ability to test, read back and verify the integrity of the program control circuitry, including the relay coils within the Module.

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.



The Model 3000-44 achieves industry-leading performance in excess of 45MHz at -3dB.

Specifications

- Voltage: 200 VDC Max
- Current: 1.5A Carry, 0.5A Switch
- Switching Power: 10 Watts
- Bandwidth: 45MHz at -3dB
- Char Impedance: 50 Ohm
- Crosstalk: -40db at 50MHz
- Insertion Loss: -1dB at 30MHz
- Register-based
- VXI single slot "C" size module
- Programming is register based **VXI*plug&play***
- VXI Power (typical):
  + 5 volts @ 4.72 Amps (max.)

Environmental Specifications

- 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

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.

Ordering Information:

- Standard
  - 2 x 128
  - Option 1
    - Dual (2 x 64)
- Installation Kit P/N 89800300

Distributor Information:

Giga-tronics

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

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