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TECHNOLOGY GROUP

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with experienced engineers and technicians on staff.

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Expert team | Trust guarantee | 100% satisfaction

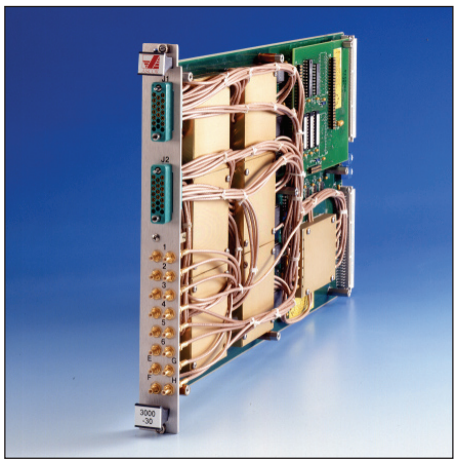
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Find the *Astronics / Giga-tronics / Ascor 3000-30* at our website: ***Click HERE***

MODEL 3000-30

ASCOR Model 3000-30
High Frequency VXI Coaxial Switch Matrix

ASCOR INCORPORATED
A Giga-tronics Company



ASCOR's Model 3000-30 single-slot, high performance Coaxial Switch Matrix provides up to eight simultaneous high frequency paths – ideal for applications that require outputs to a high number of analog instruments.

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

Fully Coaxial 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 3000-30 provides two 12x2 (400 MHz) and two 6x2 (500 Mhz) matrices for flexibility in designing analog switching applications. Four supplementary 750 Mhz paths are available through the two 12x2 matrices for additional instrumentation I/O applications.

The Model 3000-30 can function as a measurement matrix, stimulus matrix, trigger matrix, or all three simultaneously.

Thus, the Model 3000-30 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 3000-30'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 3000-30, 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.



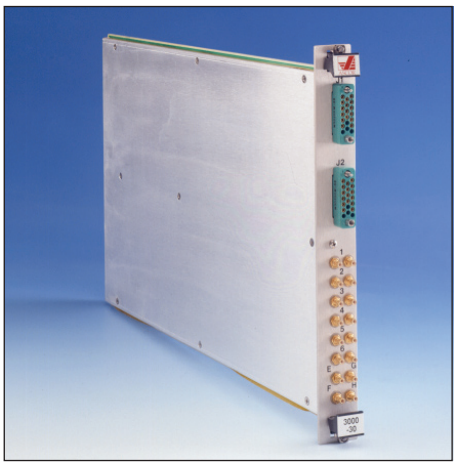
Giga-tronics

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

MODEL 3000-30

ASCOR Model 3000-30
High Frequency VXI Coaxial Switch Matrix

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ASCOR's Model 3000-30's eight simultaneous paths allow high frequency outputs to a high number of analog instruments.

Self Testing

Like all ASCOR VXI Modules, the Model 3000-30 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 Mod-

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.

Related Products

ASCOR also makes the Model 3000-5 and Model 3000-6 High Frequency Coaxial Switch Matrices. These single-slot modules have one 36x2 switch matrix or two 18x2 coaxial switch matrices, respectively.

Protecting Your Investment With

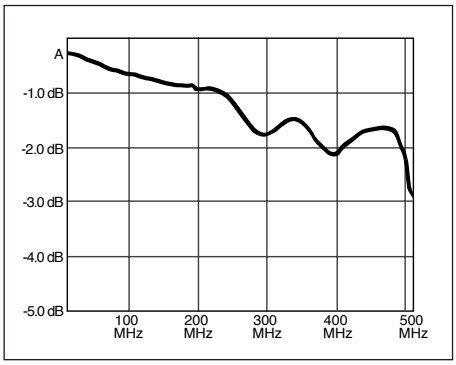


Diagram of sweep channel J2S – J2A

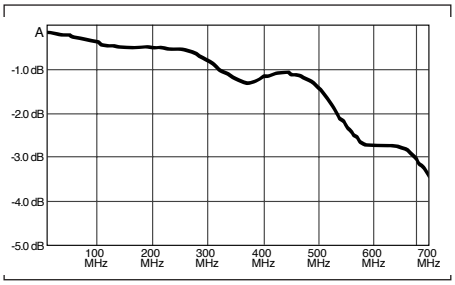


Diagram of sweep channel J16G – J14

VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-30 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-30 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

Specifications

- Voltage: 200 VDC Max
- Current: 1 Amps Max
- Switching Power: 10 Watts
- Char Impedance: 50 Ohm
- 400 MHz at -3dB
  and 500 MHz at -3dB
- Crosstalk: -50db at 100 MHz
- Insertion Loss: -1dB at 50 MHz
- Register-based
- 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

Distributor Information:

Giga-tronics

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

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