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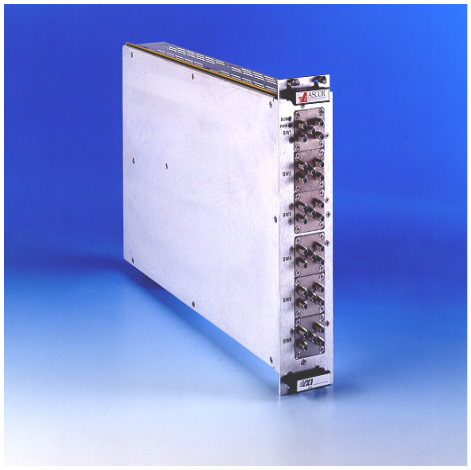
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Find the *Astronics / Giga-tronics / Ascor 3000-80* at our website: ***Click HERE***

Model 3000-80 6(1X6) or 6(1x4)COAXIAL RF MULTIPLEXER



Capabilities

- 6(1x6) or 6(1x4) Coax
- Bandwidth = 6, 26.5, 40 GHz
- Power = 15 Watts
- Path Impedance 50Ω

Product Description

The 3000-80 provides six Coaxial Multiplexers. This module provides high Bandwidth and high Density as well as Flexibility. Model 3000-80 can be used with both source and measurement instruments such as RF Generators and Spectrum Analyzers. The 3000-80 has been designed with several exceptional features that make it stand out from competitive products.

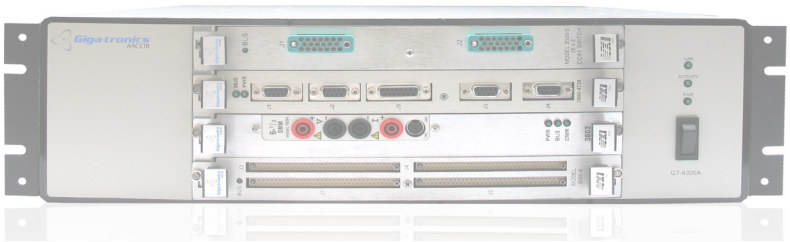
- **6U Form Factor –** the larger 6U form factor will accommodate 3-4 times the number of relays as 3U PXI products eliminating the need to build switching structures across boards decreasing Bandwidth.

- **Configurable–** This module can be ordered with any number of switches from 1-6.

Recommended Uses

- **RF Switching –** Low Crosstalk and high Bandwidth makes this module ideal for Higher Frequency applications such as Test Instrumentation.

Low Cost GT-8300A 3U chassis with LAN and IEEE-488 Control



www.gigatronics.com | inquiries@gigatronics.com
800.726.4442 (USA) | +1 925.328.4650 (International)

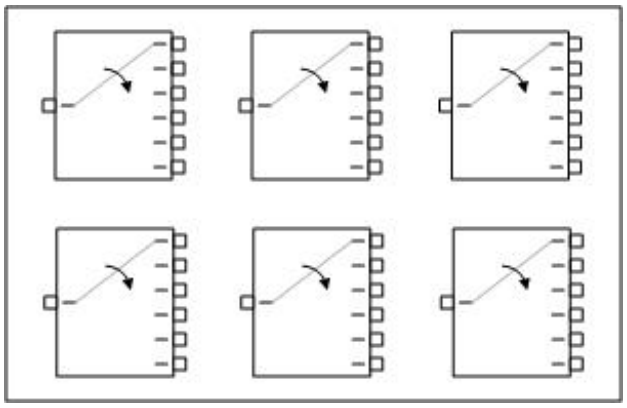
Giga-tronics ASCOR

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Model 3000-80

6(1X6) or 6(1x4) COAXIAL RF MULTIPLEXER



- All ASCOR cards have built-in circuitry to verify both the control signal from the programming register, as well as verifying the relay coil is intact.
- All Switching modules feature built-in memory to maintain the service record of the unit with time stamping.
- All Modules carry a full 3 year Warranty

Specifications

Electrical

- Path Impedance 50Ω
- Bandwidth = 26.5GHz (6 & 40GHz also avail)
- VSWR

4GHz	<1.15:1
8GHz	<1.25:1
12GHz	<1.30:1
18GHz	<1.40:1
25GHz	<2.00:1

- Isolation

4GHz	75dB
8GHz	70dB
12GHz	65dB
18GHz	60dB
25GHz	55dB

- Insertion Loss

4GHz	0.25dB
8GHz	0.30dB
12GHz	0.35dB
18GHz	0.45dB
25GHz	1.00dB

Environmental

Temperature

- Operating 0° to 50°C
- Storage -40° to 75°C

Humidity (non-condensing)

- Operating 10 to 90%
- Storage 0 to 95%

Mechanical

- "C" size VXI
- Connector SMA-F

Ordering Information

Model #	Description	Manufacturer #
3000-80	6(1x6) Coaxial Multiplexer	90401160

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Giga-tronics ASCOR

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