



# TSC 2059B

## Low Frequency Distribution Amplifier

### KEY FEATURES

- Yields 64 Outputs at 2nd Level
- Modular
- High Channel Isolation
- Exceptional IRIG-A/B or Distribution

The TSC 2059B is a 1 input, 8 output low frequency distribution amplifier. It provides eight isolated copies of a single input. The unit operates over a frequency range of DC to 1 MHz. It is often used to distribute modulated IRIG time codes. Fault sensing of signal level is provided on every output (software required).

The TSC 2059B is part of Symmetricom's Modular System that makes it possible to integrate semi-custom timing systems.

Please contact Symmetricom with any specific requirements.



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## TSC 2059B Specifications

### ELECTRICAL SPECIFICATIONS

- Time code input and outputs (8)
  - Code format: Any
  - Modulation frequency: 1-100 kHz
  - Modulation ratio: Any
  - Amplitude: <6 V P-P
  - Output isolation: >70 dB
  - Gain: 0 dB
  - Input and output Impedance: 50  $\pm$ 5 $\Omega$

### ENVIRONMENTAL & PHYSICAL SPECIFICATIONS

- Temperature: 0°C to 50°C
- Humidity: 0 to 95% non-condensing
- Power requirements: Powered by ISA buss in 2003 chassis
- Dimensions: 1 slot of 2003 chassis
- Weight: 2 lbs (0.81 Kg)



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