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The FDC3302 is a high-performance, dual-input, ten-output, frequency distribution amplifier in a 1U rackmount chassis. FDC3302 provides ten isolated copies of a 100 kHz - 30 MHz input signal. Fault sensing of signal levels is provided on all inputs and outputs and status is easily visible via front-panel LED indicators. FDC3302 is monitored and controlled via a serial port and

## FEATURES

- 10-channel, broadband signal distribution (100 kHz to 30 MHz)
- Autoswitching between dual inputs.
- Ultra-low additive phase noise.
- Ultra-high port-to-port isolation.
- Ultra-low distortion.
- RS-232 port for control and monitoring.
- Ethernet port option for remote control and monitoring.
- Dual-redundant AC or DC power supply options.
- 2-Year Warranty.
- 60-Day Money-Back Guarantee.
- Free technical support for life.

### Autoswitching

FDC3302's fault-tolerant design supports dual frequency reference inputs. The health of the input signals are continuously monitored and, if a signal is not present or amplitude greatly reduced, it will automatically switch to the other input. This failover feature ensures that your critical signals are always present should one of the inputs become unavailable or its level compromised.

### Alarm Input

FDC3302 is compatible with the alarm output signal from the Meridian II and Tycho II Precision TimeBase. If one of these time and frequency standards is sourcing the FDC3302 and its alarm output goes active, FDC3302 will automatically switch to the backup source. This alarm input may be cascaded to multiple units. For remote control and monitoring, a network port is available as an optional upgrade.

### Dual Power Supplies

For the highest level of power source and supply fault-tolerance, the FDC3302 Frequency Distribution Chassis supports dual redundant, AC or DC power supplies. The two power supplies can be any combination of AC/AC, AC/DC, or DC/DC.

### High Reliability

FDC3302 uses EndRun's power-efficient, fanless design and thermal packaging that achieves an estimated MTBF of over 20 years. The system is made in America, backed by a two-year warranty, a 60-day money-back guarantee, and supported by EndRun's top notch technical support team free of charge!

