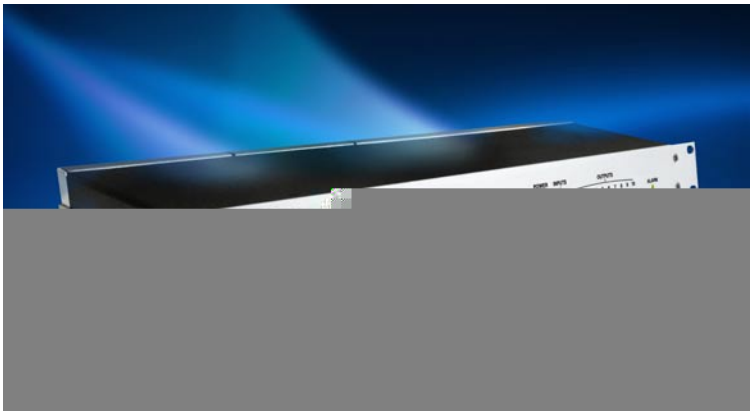
"Smarter Timing Solutions"

FDC3300 *Frequency Distribution Chassis*

2x10 Autoswitch Distribution Ampliýer

The FDC3300 is a dual-input, ten-output, frequency distribution amplifier in a 1U rackmount chassis. The FDC3300 provides ten isolated copies of a 10 kHz - 10 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. FDC3300 is monitored and controlled via a serial port and optional Ethernet network port. Dual power supplies are optionally available to provide the highest reliability for mission critical applications. The FDC3300 is unique in the industry - no other low-cost system offers this combination of capabilities and performance.



Output Signal Quality

The FDC3300 features low-signal distortion and low-additive phase noise along with high isolation between output channels. Power supply voltages are post-regulated and all output buffers are individually regulated, ensuring very low output spurious noise levels. For ultimate performance in signal level distribution, see the FDC3302 High-Performance Frequency Distribution Chassis.

Autoswitching

The FDC3300ős 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

FDC3300 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 FDC3300 and its alarm output goes active, FDC3300 will automatically switch to the backup source. This alarm input may be cascaded to multiple FDC3300 units to support bank switching by simply connecting the inputs with coaxial cable and BNC T-adapters.

Status Indicators

Front panel LEDs provide you at-a-glance status of the distribution chassis. The FDC3300 provides LED indicators for the power supply(ies), the two inputs, all output signals and a summary alarm indicator. The summary alarm is also available as an open-collector output.

Dual Power Supplies

For the highest level of power source and supply fault-tolerance, the FDC3300 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

The FDC3300 uses EndRunős 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 EndRunős top notch technical support team free of charge!

FEATURES

- 10-channel, broadband sine wave distribution (10 kHz to 10 MHz).
- Single input or autoswitching between dual inputs.
- Very low added phase noise.
- High port-to-port isolation.
- Very 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.

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