

5001

The Cobalt 5001 is a card based non-reclocking serial digital distribution amplifier with eight outputs that is compatible with industry standard digital frames.

The 5001 will equalize bit rates from 50 - 400 Mbits providing up to 40 dB of equalization.

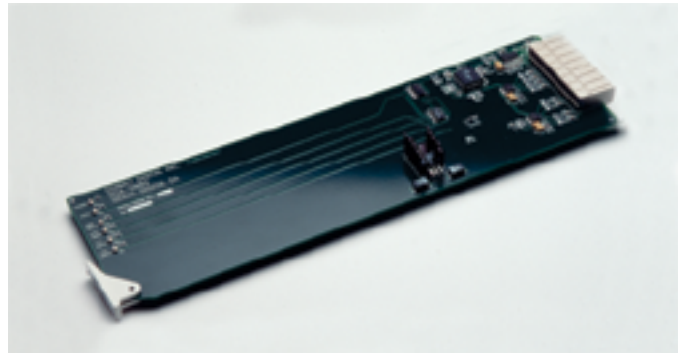
This unit provides a cost-effective solution for making serial digital copies for applications where reclocking is not required.

The card's construction utilizes the latest serial digital chip sets, all surface mount technology and comes with a five year warranty.

Features

- u Eight non-reclocked SDV outputs
- u Supports 50 - 400 Mbit rates
- u Auto equalization
- u Input signal presence indicator
- u SDI input and output return loss > 15 dB
- u Low Power positive rail 1.5 W
- u Cost-effective solution
- u Five year warranty

Serial Digital Non-reclocking Distribution Amplifier



Specifications

Input	50-400 Mbits SDI
Equalization	Auto to 40 dB at 200 MHz
Return Loss	> 18 dB at 270 Mbit
Termination	75 ohms located on PCB
Output	Eight SDI
Level	800 mV +/- 10%
Return Loss	> 18 dB at 270 Mbit
Delay	10 nS
Power	Positive Rail 1.5 Watts Negative Rail 0 Watts
Temp. Range	40-140°F (4.4-60°C) ambient (non-condensing) with air flow
Indicators	Power and Data present LED
Size	10.5" x 3" (262.5mm x 75mm)

