

Dual 3Gbit 1 > 3 SDI Reclocking Distribution Amplifier

- Dual channel
- 1 input and 3 outputs per channel
- Suitable for SDI video up to 3Gbit/s (1080p60)
- Level A and Level B support (all formats) and DVB-ASI
- Reclocking
- Auto-detect input format
- Input present LED indication for each channel

The DVD 1823 is a compact general purpose, dual channel reclocking SDI distribution amplifier suitable for any level A or Level B SDI video signal up to 3Gbit (1080p60) including DVB-ASI signals.

SMPTE 424M (3Gbit/s), SMPTE 292M (1.5Gbit/s) and SMPTE 259M (270Mbit/s) standards are supported.



Technical Specifications

Inputs	2 x SDI - 75 Ohm BNC connector
	SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
	Multi-standard operation from 270Mbit/s to 3Gbit/s
	Multi-rate reclocking
	Input present LED indication for each channel
	Electrical Return Loss: >15dB from 5MHz to 1.5GHz, >10dB from 1.5GHz to 3GHz
	Automatic cable EQ (Belden 1694A cable) 320m @ 270Mbit/s, 160m @ 1.5Gbit/s, 120m @ 3Gbit/s
Outputs	3 x multi-rate reclocked SDI outputs per channel
	SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
	75 Ohm BNC connectors
	Electrical Return Loss: >15dB from 5MHz to 1.5GHz, >10dB from 1.5GHz to 3GHz
	Alignment Jitter < 0.2 UI @ 270Mbit/s, < 0.2 UI @ 1.5Gbit/s, < 0.3 UI @ 3Gbit/s
	Timing Jitter < 0.2 UI @ 270Mbit/s, < 1.0 UI @ 1.5Gbit/s, < 2.0 UI @ 3Gbit/s
Power	+12VDC @ 2.1W nominal (supports 7 - 16V input range)
Physical	Size: 138mm x 90mm x 22mm (5.43" x 3.54" x 0.86") including connectors Weight: 240g (8.46oz)
Ambient	5 - 40°C (41 - 104°F) 90% Humidity (non condensing)
Model #	DVD 1823 - (EAN# 4250479359635)
Includes	Module, AC power supply

Power Adapter Options

The kit **INCLUDES** AC power supplies. The power adapters below are optional.



P-TAP 1000

Use with a standard battery P-TAP power source.



XLR 1000

Use with a standard 4 pin XLR camera battery power source.

Specifications subject to change