

Dual 3Gbit SDI Reclocking Distribution Amplifier

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

The DVD 1823 is a compact general purpose, dual channel reclocking SDI distribution amplifier suitable for any SDI / HD-SDI video signal up to 3Gbit/s (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 2.97Gbit/s
	Multi-rate reclocking
	Input present LED indication for each channel
	Return Loss: > 15dB to 1.5Gbit/s and > 10dB up to 3Gbit/s
	Automatic cable EQ (Belden 1694A cable) 250m @ 270Mbit/s, 140m @ 1.5Gbit/s, 80m @ 3Gbit/s
Outputs	3 x multi-rate reclocked SDI outputs per channel
	SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
	75 Ohm BNC connectors
	Return Loss: > 15dB to 1.5GHz > 10dB to 3GHz
	Alignment Jitter < 0.2 UI @ 270Mbit/s, < 0.2 UI @ 1.5Gbit/s, < 0.3 UI @ 2.97Gbit/s
Power	+12VDC power supply (included)
Size	105mm x 95mm x 22mm (4.13" x 3.74" x 0.86")
Model #	DVD 1823
Includes	Module, 12V DC power supply and Velcro mounting strip

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