yellobrik® DVD 1823

2-Channel 3G-SDI and MADI 1×3 Distribution Amplifier



Key Features

- Dual channel
- 2 inputs and 3 outputs per channel
- Suitable for SDI video up to 3G (A/B)
- Support for MADI (AES10)
- Reclocking
- Auto-detect input format
- Input present LED indication for each channel
- Compatible with yelloGUI and Lynx Centraal

Description

The DVD 1823 is a compact general purpose, dual channel reclocking SDI distribution amplifier suitable for any SDI video signal up to 3G Level A/B (1080p60).

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

Optional Mounting Solutions

RFR 1200
Rack mount frame for up to 14 yellobriks. Optional primary and redundant power supply (RPS A100)





RFR 1001
The RFR 1001 is a robust metal mounting solution for a single yellobrik. The bracket can accommodate the smaller and larger modules.

Technical Specifications

Inputs	2x SDI - 75 Ohm BNC connector			
	SMPTE 424M, SMPTE 292M, SMPTE 259M, AES10 (MADI)			
	Multi-standard operation from 270Mbit/s to 3Gbit/s			
	Input present LED indication for each channel			
	Electrical Return Loss:		to 1.5GHz >15dB	to 3GHz >10dB
	Automatic cable EQ	270Mbit/s,	1.5Gbit/s,	3Gbit/s
		250m	190m	130m
		Belden 1694A cable		
Outputs	2x 3 multi-rate reclocked SDI outputs per channel 75 Ohm BNC connectors			
	SMPTE 424M, SMPTE 292M, SMPTE 259M, ASES10 (MADI)			
	Electrical Return Loss:		to 1.5GHz >15dB	to 3GHz >10dB
	Alignment Jitter:	270Mbit/s	1.5Gbit/s	3Gbit/s
		<0.2 UI	<0.2 UI	<0.3 UI
	Timing Jitter	270Mbit/s	1.5Gbit/s	3Gbit/s
		<0.2 UI	<1.0 UI	<2.0 UI
USB	Mini "Type B" connection to monitor via yelloGUI and update firmware			
Power	+12V DC @ 2.7W nominal - (supports 7 - 16V input range)			
Physical	Size (incl. connectors)	138mm x 90mm x 22mm (5.43" x 3.54" x 0.86")		
	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, Quick Reference			