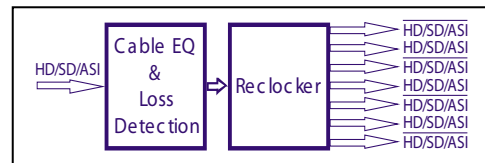




Features

- High performance & cost effective
- Supports HD/SDI & ASI signals
- Non-inverting & Inverting outputs
- Re-clocking (270, 1483.5, 1485 Mbps)
- LED indicators
- Contact closure alarm
- Compact & rugged design 142mm(L) x 82mm(W) x 47mm(H)



Description

The Digital Video DA is a universal distribution amplifier for SD, HD & ASI formats. The module detects the input rate and automatically configures the appropriate output driver’s slew rate. The Non-inverting outputs permit the transport of polarization sensitive signals such as ASI.

Specifications

Electrical Inputs	
Number of Inputs	1
Data Rate	270 1483 & 1485 Mbps
Return Loss	>15dB (5MHz – 1.5GHz)
Cable Eq.	0 to 120m Belden 1694A (HD) 0 to 250m Belden 8281A (SD)
Impedance	75 ohm
Connectors	BNC female
Electrical Outputs	
Number of Outputs	7
Polarity outputs	Multiple inverting & non-inverting (non-inverting outputs are ASI compatible)
Signal Level	800mV p-p +/- 100mV
Return Loss	>15dB (5MHz – 1.5GHz)
Impedance	75 ohm
Connectors	BNC female

Alarm & Control Interface

- Auto HD/SD/ASI, HD Only or SD Only modes
- Loss & Presence LED indicator
- SD/ASI LED indicator
- HD LED indicator
- Solid state alarm relay contacts

Supported Standards

- SMPTE - 259M (270Mbit/s), 292M (1483, 1485Mbit/s)
- DVB-ASI - EN50083-9 (270Mbit/s)

Accessories (extra)

- High performance, 110-240V universal input, 12V @1.5A output
- Power lead, SAA approved, 2M, IEC320-C14 connector

Compatibility

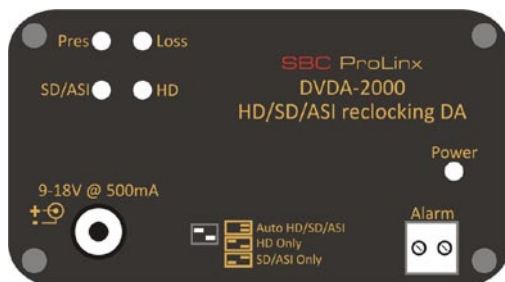
- Compatible with all SBC products supporting digital video interfaces
- Compatible with third party compliant digital video interfaces

Compliances

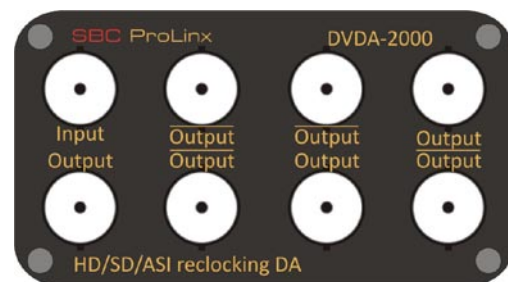
- CE; UL; C-Tick
- RoHS Compliant Directive 2002/95/EC

Ordering Information

- DVDA 2000 1x7 digital re-clocking video DA
- PSLV-1200 240V AC/12V DC power supply



Front panel with power connector



Rear panel

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