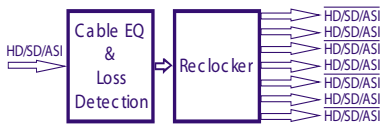


DVDA-2000

1x7 Digital Video DA



Features

- High performance & low cost
- Supports HD/SD/ASI signals
- Non-inverting & Inverting outputs
- Re-clocking (270,1438,1485 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 100m Belden 1694A (HD) 0 to 250m Belden 8281A (SD)
Impedance	75 ohm
Connectors	75 ohm BNC female

Electrical Outputs

Number of Outputs	7
Polarity	Multiple inverting & non-inverting outputs (non-inverting outputs are ASI compatible)
Signal Level	800mV p-p +/- 100mV
Return Loss	>15dB (5MHz – 1.5GHz)
Impedance	75 ohm
Connectors	75 ohm 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