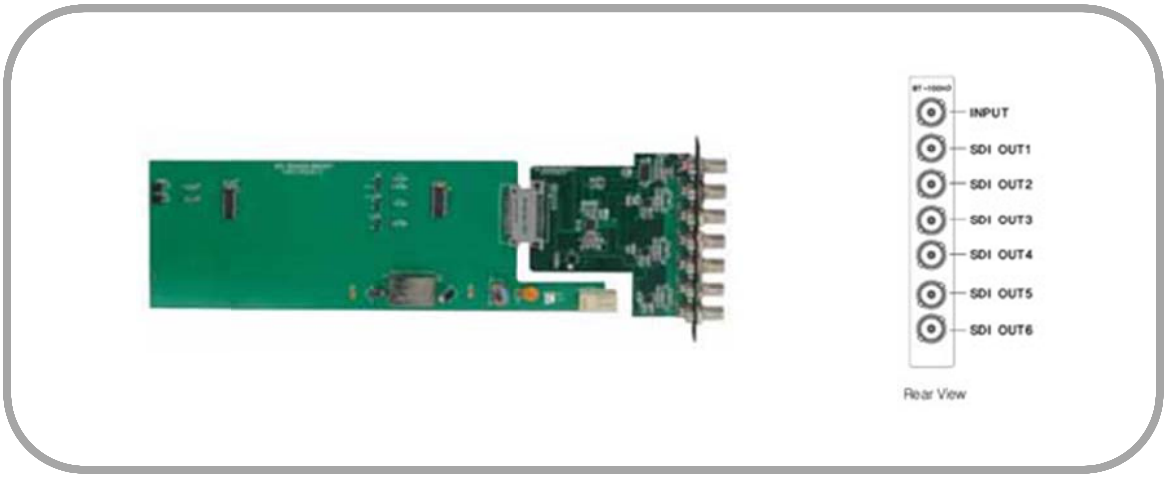
V.E.D.A

BT-100HD (HD/SD SDI Distribution Amplifier)



BT-100HD는 SMPTE292M(1.485Gbps, 1.485/1.001Gbps) 또는 SMPTE259M-C비디오 신호 규격을 만족하는 HD/SD SDI 분배기 입니다. BT-100HD는 SDI입력 신호를 Equalizing, Re-Clocking 회로를 거쳐 분배 및 증폭하여 타 장비의 입력에 신호를 공급합니다.

Feature

- Supports SMPTE292M and SMPTE259M-C
- Supports DVB-ASI (OUT1,3,5 Only)
- Up to 6 Re-Clocking Outputs
- Auto detect frequency rate of Input video signal
- Input signal and no Input signal present
- Auto equalizing (Up to 100m at HD, 250m at SD, Belden1694A)

Specifications

- **HD/SD INPUT**

- Input Number : 1
- Input Standard : SMPTE292M :1.485G, 1.485/1.001Gbps(SMPTE259M-C : 270M)
- Connector : BNC75Ω Impedance
- Return Loss : >15dB to clock freq.
- Cable Length : 250m Belden8281@270Mbps, 100m Belden 1694@1.485Gbps
- Signal Level : 800mVp-p±10%

- **HD/SD OUTPUT**

- Output Number : 6
- Output Standard : SMPTE292M:1.485G, 1.485/1.001Gbps(SMPTE259M-C:270M)
- Connector : BNC75Ω Impedance
- Signal Level : 800mVp-p±10%
- Rise & Fall time : 400~800ps(SD),<270ps(HD)

- Overshoot : <10% of amplitude
- Jitter : <0.2UI

- **Electrical**

- Voltage : +24V
- Power Dissipation : <3W

- **Physical**

- Operating Temperature : 0°C to 40°C
- BT-314 / BT-104 / BT-102 Frame Mounting
- Number of Slot : 1

- **CONVERTER**

- NTSC/PAL Composite to SD-SDI