

# DV-242

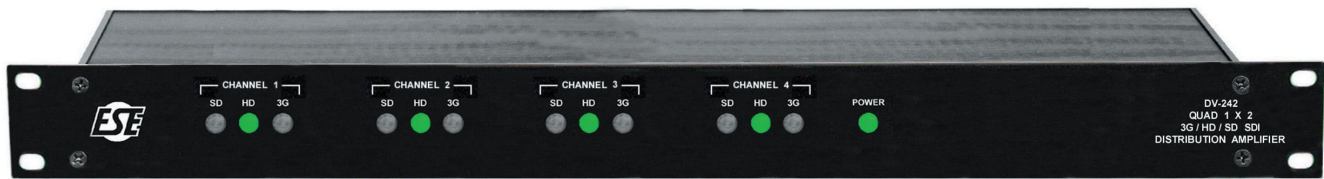
## 3G/HD/SD SDI

### DISTRIBUTION AMPLIFIER

The **DV-242** is an SDI digital video (3G, HD & SD) Quad 1 x 2 Distribution Amplifier. The unit features high-performance & low-cost and is able to distribute 3Gb/s, 1.5Gb/s & 270Mb/s data rates all in a single rack-mount enclosure. The **DV-242** consists of four 1 x 2 distribution amplifiers and automatically detects the data rate for each of the four channels and then re-clocks and equalizes the signal. An external power supply is not required as the **DV-242** is completely self-contained requiring only 85 - 264VAC to operate. Also available is the **DV-242/Loop** which includes a non-reclocked SDI video output on an additional BNC connector for all four channels.

#### Features:

- 2 Outputs per Channel
- Automatic Input Rate Detection
- Reclocking & Equalization
- Reclocking Bypass Switches
- 3G/HD/SD Lock LED
- DVB/ASI Compliant @ 270Mb/s



DV-242/Loop, Rear View



#### Specifications

**POWER:** 85 - 264 VAC, 47 – 63 Hz, 20 Watts maximum

**MECHANICAL:** Rack Mount Enclosure 1.75" H x 19" W x 5" D

**VIDEO STANDARDS:** SMPTE 259M-C, SMPTE 292M and SMPTE 424M compliant

**VIDEO INPUT:** 1 BNC per channel

**CABLE EQUALIZATION:** 2.97Gb/s: 140m @ 0.3UI (Belden 1694A cable)  
1.485 Gb/s: 200m @ 0.3UI (Belden 1694A cable)  
270 Mb/s: 400m (Belden 1694A cable)

**VIDEO OUTPUTS:** 2 BNCs per channel

**OPTIONS:** DC, Loop, UL, Custom

