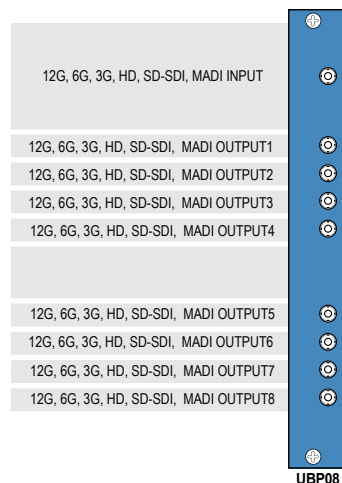


**KUDR08**  
**12G, 6G, 3G, HD and SD-SDI 1 to 8 Distribution Amplifier With reclocked Output(ASI/DVB Compatible)**

**Features**

- Compatible with:
  - 270 Mb/s
  - 1.485 Gb/s
  - 2.970 Gb/s
  - 5.94 Gb/s
  - 11.88 Gb/s
- Two Sample interleave(2SI) for 12G-SDI
- Bypass function of the reclocker for non-standard frequencies
- Support DVB-ASI, 310M, MADI



**Specifications**

**Serial video input**

Standard	12G, 6G, 3G, HD-SDI and SD-SDI : ST-2082-10, ST-2081-10, SMPTE 425M, SMPTE 292M, SMPTE 259M
Number of input	1
Connector	HD-BNC
Equalization	Typical maximum equalized length of 5C cable: 85m at 11.88Gb/s, 90m at 5.94Gb/s, 200m at 2.97Gb/s, 250m at 1.485Gb/s and 500m at 270Mb/s

**Serial video output**

Number of output	8
Connector	HD-BNC
Signal level	800mV nominal
DC offset	0V±0.5V
Rise/fall time	<28ps nominal
Overshoot	<10% of amplitude
Return loss	<6dB-6GHz to 12GHz
Wideband jitter	<0.3UI

**Miscellaneous**

Weight	250g
Operating	0°C to +50°C
Dimensions	137 x 296 x 20 mm(HxWxD)

**Electrical**

Voltage	+24V to +30V
Power	4 Watt