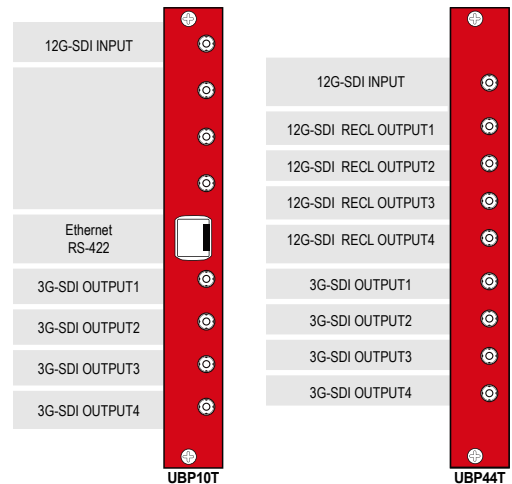


- UHD 4K
- SMPTTE 2082-10
- Two sample Interleave
- 12Gb/s

KUGD104
12G-SDI 1 to 4 Distribution Amplifier and 3G-SDI(Quad) Output Gear box De-Multiplexer

Features

- Two Sample interleave(2SI) for 12G-SDI
- One 12G-SDI input
- 4 output, equal signal
- Low delay (2line@2160p)
- 4K four wire (3840 x 2160) output
- Compatible with 1080p59.94 or 1080p50 input
- Full control, status monitoring through the front panel of the frame and the Ethernet port (ACP)



Specifications

Serial video input

Standard	12G-SDI : ST-2082-10
Number of input	1
Connector	HD-BNC
Equalization	Typical maximum equalized length of 5C cable: 85m at 11.88Gb/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

Reference input through RRC

Number of Input	2 on USFR18, 2 on USFR08
Tri-level	SMPTTE274M, SMPTTE296M
Bi-level	600 mVp-p nominal, 75 Ohm terminated through loop PAL Black Burst ITU624-4/SMPTTE318, Composite NTSC SMPTTE 170M 1Vp-p nominal, 75 Ohm terminated through loop

Miscellaneous

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

Electrical

Voltage	+24V to +30V
Power	12 Watt