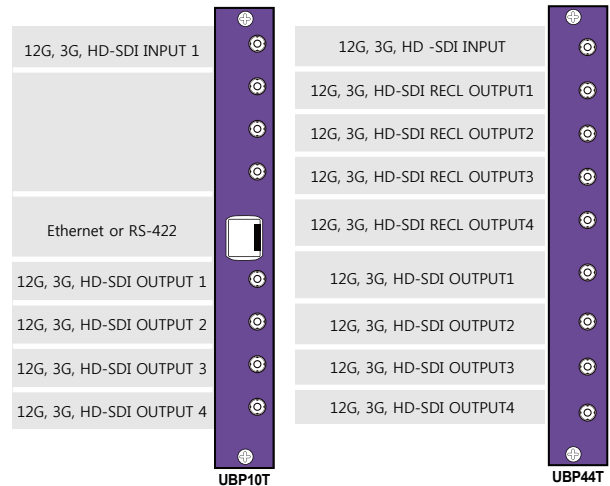


KUFS10
12G, 3G, HD-SDI 1 to 4 Distribution Amplifier, Frame synchronizer and Audio/Video Delay Processor

Features

- Two Sample interleave(2SI) for 12G-SDI
- One or Two 12G-SDI, 3G-SDI, HD-SDI input
- Transparent for 16 channels of embedded audio
- Video ProcAmp
- Color corrector
- Lock to Bi-level, Tri-level sync
- Full control, status monitoring through the front panel of the frame and the Ethernet port (ACP)



Specifications

Serial video input

Standard	12G, 3G-SDI and HD-SDI : ST-2082-10, SMPTE425, SMPTE 292M
Number of input	1 or 2
Connector	HD-BNC
Equalization	Typical maximum equalized length of 5C cable: 85m at 11.88Gb/s, 200m at 2.97Gb/s, 250m at 1.485Gb/s

Serial video output

Number of output	4 or 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	SMPTE274M, SMPTE296M
Bi-level	600 mVp-p nominal, 75 Ohm terminated through loop PAL Black Burst ITU624-4/SMPTE318, Composite NTSC SMPTE 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