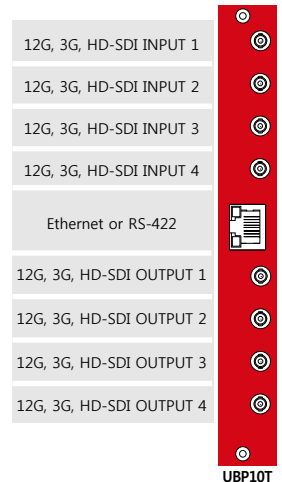


KUGB404
12G, 3G, HD-SDI Gear Box Multiplex & De-Multiplex

Features

- 3G-SDI(Quad Link) input
- Compatible with 1080p 59.94 or 1080p 50 input
- 4x3G-SDI (Quad Split) to 12G-SDI
- 4x3G-SDI (2SI) to 12G-SDI
- 12G-SDI (Single Link) Input
- 12G-SDI to 4x3G-SDI (Quad Split)
- 12G-SDI to 4x3G-SDI (2SI)
- Low Delay (2line@2160p)



Specifications

Serial video input

Standard	12G, 3G-SDI and HD-SDI : ST-2082-10, SMPTE425, SMPTE 292M
Number of input	4
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
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
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