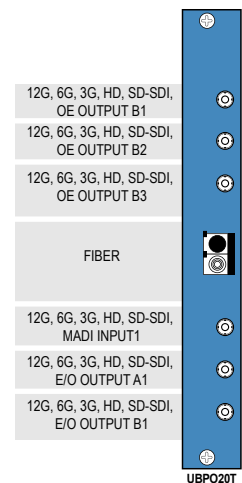


KUOF20
12G, 6G, 3G, HD and SD-SDI Optical Fiber - Bi-directional(E/O and O/E)

Features

- Optical Multirate, Bi-directional transceiver for 12G-SDI application(LC or SC)
- 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
- 1 Fiber input, Output (hot swap SFP modules) LC connector with UPC polish
- 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	5
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

Optical input/output

Number of input/output	E/O, O/E
Connector	LC or SC
Wavelength Transmitter(EO)	1270nm-TX
	1330nm-RX
Wavelength Transmitter(OE)	1330nm-TX
	1270nm-RX

Miscellaneous

Weight	250g
Operating	0°C to +50°C
Dimensions	137 x 296 x 20 mm(HxWxD)
Wavelength Receiver	1330nm

Electrical

Voltage	+24V to +30V
Power	4 Watt

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