

OBSERVE ELECTROSTATIC



PRECAUTIONS

SDI-003

SERIAL D1 TO CVBS/YC MODULE

- Small compact design for pcb mounting
- Fully filtered and buffered outputs
- Three CVBS outputs or CVBS + Y/C output
- Auto 625/525 operation
- Reclocked outputs available

This interface card accepts D1 serial digits and provides three analogue Composite video outputs with colour bursts and mixed sync's to allow picture display on a Composite video monitor. An interface card with Y/C output (S-Video) and 1 CVBS output only is available.

<u>Input Requirements</u>	Input	1 x 270 Mb/s serial NRZI (EBU TECH 3267, SMPTE RP-259M)
	Input Impedance	75 ohm terminating
	Line standard	625/50 or 525/60 Auto detection
	Equalisation	Automatic up to 40 dB at 200 MHz (Typically 300m of Belden 8281 at 270Mhz)
<u>Analogue Output Characteristics</u>	Output format	3 CVBS or 1 CVBS and Y/C (As requested)
	Output levels	1 V pk-pk including syncs $\pm 2\%$
	Impedance	75 ohms
	Resolution	8 bit data / 9 bit DAC
	Frequency response	± 0.2 dB to 5.5 MHz
	Signal-to-Noise ratio	> 60 dB rms to 5.5 MHz
<u>Digital Outputs</u>	Output format	2 reclocked serial o/p's
	Impedance	75 ohms
	Available	Options B and D only
<u>Other parameters</u>	Power	+ 5V ± 0.25 V (500 mA max) - 5V ± 0.50 V (50 mA max)
	Operating Temp.	0 ⁰ C to 40 ⁰ C
	Aqueous Washable	Yes
	Package	DR00168C

ORDERING CODES	Reclocked o/p's	3 x CVBS o/p's	CVBS, Y and C o/p's
SDI-003A	x	√	x
SDI-003B	√	√	x
SDI-003C	x	x	√
SDI-003D	√	x	√

PACKAGE DETAIL

