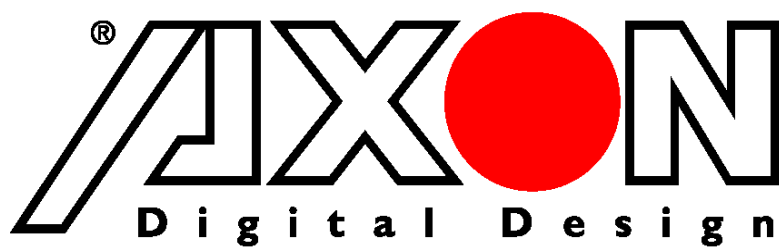


TECHNICAL MANUAL

VT-1

VIDEO ISOLATION TRANSFORMER



THE MARK OF DIGITAL ACHIEVEMENT

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VT-1 VIDEO ISOLATION TRANSFORMER

		MINIMUM	TYPICAL	MAXIMUM
INSERTION LOSS	10KHz 75 Ohm terminated	-0.4dB	-0.55dB	-0.7dB
DIFFERENTIAL GAIN	FCC/NTC-7 composite, Tektronix VM700 test set (pk-pk)		<0.02%	<0.05%
DIFFERENTIAL PHASE	FCC/NTC-7 composite, Tektronix VM700 test set (pk-pk)		<0.02°	<0.05°
LUMINANCE NON-LINEARITY	FCC/NTC-7 composite, Tektronix VM700 test set (pk-pk)		<0.1%	<0.2%
BANDWIDTH	LF -3dB re 10KHz / HF -3dB re 10KHz	... / 8MHz	8Hz / 10MHz	10Hz / ...
INPUT V.S.W.R.	1kHz to 8MHz , HP 3577A spectrum anal./35676R/T test kit		1.065	1.2
	3.58MHz , HP 3577A spectrum anal./35676R/T test kit		1.02	1.065
COMM. MODE REJ. RATIO	60Hz	100dB	120dB	
DC RESISTANCE	Input or output		2.61 Ohm	
CAPACITANCE	inp. to outp., 1kHz / inp. or outp. to case, 1kHz		1.94nF/35pF	
TEMPERATURE RANGE	operation or storage	0° C		70° C
BREAKDOWN VOLTAGE	inp. to outp. / inp. or outp. to case.	350/500v-rms		

