

LEXOR

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SV1A - Miniature Switched Delay Lines for Video Applications

These fully equalised adjustable (switched) Video Delay Lines provide full flexibility in handling colour video signals in line with broadcasting requirements. Housed in a die cast box with standard 50Ω BNC connectors, they are suitable for use as discrete devices or for incorporation into permanent equipment.

Specification

Delay Ranges	SV1A-0165 - (180°) 80 - 40 - 20 - 10 - 5 - 2.5nS with 0 - 2.5nS Trimming Section SV1A-0325 - (360°) 160 - 80 - 40 - 20 - 10 - 5 - 2.5nS with 0 - 2.5nS Trimming Section
Insertion Delay *	5nS Nominal
Impedance	75Ω
Frequency Response	±0.10dB to 5.0MHz ±0.15dB to 5.5MHz
Return Loss *	Better than -28dB 100KHz - 5.5MHz
Insertion Loss	0.5dB/100nS Max
Temperature Coefficient	100ppm/°C Max
Operating Temperature Range	-20 °C - +80 °C
Working Voltage	50Vdc
Dimensions	92 (overall) x 25.4 x 25.4 mm
Connections	50Ω BNC MALE/FEMALE for easy in line connection and reliability

* With Trimmer in optimum position

