5.5 MHZ VIDEO DELAY LINES

This range of video delay lines is designed to delay 5.5 MHz bandwidth video signals with minimum distortion. This range is fully phase equalised and give excellent response to pulse and bar test signals. They may be cascaded to give a wider range of delay times. Other delay times within the range can be produced to special order.

- Fixed and programmable versions
- Small size
- Excellent pulse characteristics
- Low Insertion Loss

Delay time (ns)	Insertion Loss (dB)	Order Code
10	< 0.1	AF16B0010
20	< 0.1	AF16B0020
30	< 0.2	AF16B0030
40	< 0.2	AF16B0040
50	< 0.2	AF16B0050
75	< 0.3	AF16B0075
100	< 0.3	AF16B0100
200	< 0.5	AF28B0200
300	< 0.8	AF36B0300
400	< 0.9	AF36B0400
500	< 1.0	AF36B0500
600	< 1.7	AF40B0600
700	< 1.8	AF40B0700
800	< 1.9	AF40B0800
900	< 2.0	AF40B0900
1000	< 2.2	AF40B1000
5+10+20+40+80	< 0.4	AP28B0155
5+10+20+40+80+80	< 0.5	AP36B0235

Common Specifications

Impedance	75 ohms
Tolerance on pulse delay time	± 2% or ± 2 ns
Amplitude ripple to 5.5 MHz	< 0.1 dB up to 500 ns
	< 0.2 dB up to 1000 ns
Group delay ripple to 5.5 MHz wrt 200 kHz	< ± 5 ns up to 500 ns
	< ± 10 ns up to 1000 ns
Return Loss to 5.5 MHz	> 27 dB to 400 ns
	> 25 dB to 1000 ns
Pulse and bar k-rating, 2T	< 0.5%
Luminance/Chrominance Gain Inequality (20T)	< 1%
Luminance/Chrominance Delay Inequality	< 5 ns
Temperature range	0 to 70 ^{0}C
Aqueous Washable	Yes

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PACKAGE DETAIL

Please contact factory for package details

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