

HDTV DELAY LINES

30 MHz Bandwidth

This range of video delay lines is designed to delay 30 MHz bandwidth video signals with minimum distortion. This range is fully phase equalised and give excellent time and frequency domain response. 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 or programmable delays
- Small size
- Excellent pulse characteristics
- Low Insertion Loss

Delay time (ns)	Insertion Loss (dB)	Order Code	Package
10	< 0.2	DF16B0010	DR00283A
20	< 0.3	DF16B0020	DR00283A
30	< 0.4	DF28B0030	DR00279A
40	< 0.4	DF28B0040	DR00279A
50	< 0.5	DF28B0050	DR00279A
75	< 0.7	DF36B0075	DR00282A
100	< 0.8	DF40B0100	DR00267A
125	< 1.5	DF40B0125	DR00267A
200	< 2.5	DF40B0200	DR00267A
1+2+4+5+8	< 0.4	DP28B0020	DR00278A
1+2+2+5+10+10+20	< 1.5	DP36B0050	DR00281A
2+4+8+16+32	< 0.7	DP28B0062	DR00084B
5+10+20+40	< 1.2	DP40B0075	DR00280A
1+2+4+8+16+32+64	< 2.0	DP48B0127	DR00277A

Common Specifications

Impedance	75 ohms
Tolerance on pulse delay time	± 2% or ± 2 ns
Amplitude ripple to 30 MHz	< 0.2 dB
Group delay ripple to 30 MHz	< 5 ns up to 100 ns < 10 ns above 100 ns
Pulse and bar k-rating, 2T30	< 0.5%
Temperature range	0 to 70 °C
Aqueous Washable	No

PACKAGE DETAIL

Please contact factory for package details