Miniconverter and R-Series Card Module Path Delays

The following table summarizes path delays through AJA Video Systems products.

Product	Delay	Notes
ADA4	< 3ms	
C10SP	370ns	
C10PS	315ns	
D4E	1.6us	
D5CE	1.6us	
D5D D5D	1.3us 1.3us + 1line=64.9us	2-line comb mode 3-line comb mode
D5DA	200ns	
D10C	1.2us	
D10A	1.5us	
D10CE	2.5us	
D10C2	2.5us	
D10CEA	2.5us video 1.0ms audio	
D10AD	1 line	Regardless of format
HA5	< 1 line	
HI5	SD mode < 1 Line HD mode 1 to 3 Lines	
HD10C	150ns	
HD5DA	50ns	
HD10C2	< 1us	
HD10A	< 1us	
HD10MD3	1 frame	
HD10AVA	1ms A/V Video: less than 250 pixels Audio: 10 video lines or less depending on video format.	The faster the line rate, the longer the audio delay becomes due to a shorter blanking period where we transfer the audio packets.
HD10AM	HD mode video 7us, SD mode video 19us, disembed 290us, embed (SRC off) 290us, embed (SRC on) 1500us	
HD10AMA	D mode video 7us, SD mode video 19us, disembed 900us, embed (SRC off)1200us, embed (SRC on) 2.5ms	
R20D R20D-F	3 lines+2.2us=195.1us 0=1 Frame	5 line aperture decoder adjustable w/FSG module
R20E R20E-F	6.2us 0=1 Frame	 adjustable w/FSG module
R5CE	1.6us	Video Out
R44E	1.6us	
R20CE	2.6us	
R20AD	1 line	Regardless of format

AJA® VIDEO SYSTEMS