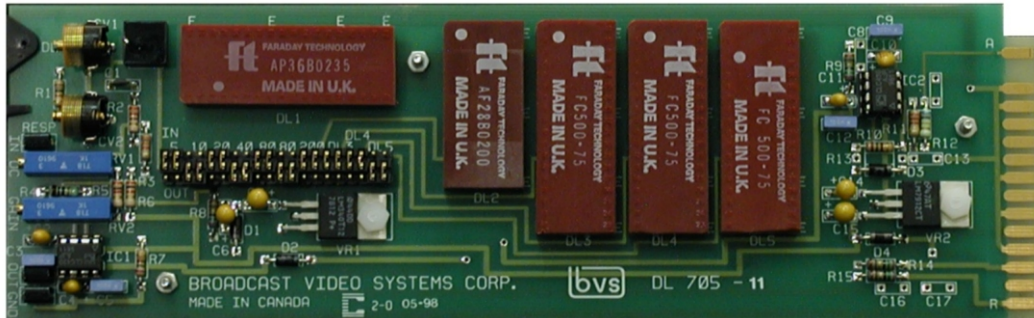




DL705 SERIES RACK MOUNTED ACTIVE VIDEO DELAYS



The DL705 series incorporates on-board active video amplifiers, which allow unity video output over the full delay range. Continuous delay adjustment, up to 1970ns on a single card, is available using gold jumpers combined with a fine trim section. Sixteen ranges of cards are provided to permit selection of the optimum range to suit any application. Looping inputs, plus two outputs also enhances the versatility of this series.

Twelve cards may be housed in the BVS FR705, two rack unit frame and power supply. A single card frame and power supply, the BVS FR3, is also available. Cards may also be ordered to plug into Leitch Video and Grass Valley DA frames.

SPECIFICATIONS

Card Type	Range		
DL705-1	25-190ns	Electrical.....	110/220 VAC, 50/60 Hz, 0.8 VA per card
DL705-2	25-270	Mechanical FR705.....	2RU high (3.5"x19"x11"), accepts 12 cards, optional second power supply
DL705-3	25-480	Mechanical FR3.....	1.5"x6"x12", accepts one card
DL705-4	25-770	Video Input.....	1 Vp-p, looping, BNC
DL705-5	27-870	Video Output.....	1 Vp-p, 75 ohm, BNC, 2 per card
DL705-6	25-970	Input return loss.....	44 dB to 4.2 MHz
DL705-7	25-1070	Output return loss.....	43 dB to 4.2 MHz
DL705-8	25-1170	Gain range.....	-0.5 to 10 dB adjustable
DL705-9	25-1270	DC on output.....	Adjustable for 0 V
DL705-10	25-1370	50 Hz square wave tilt.....	< 0.5%
DL705-11	25-1470	Freq. response.....	+/- 0.2 dB to 5.5 MHz
DL705-12	25-1570	Lum-chroma gain inequality..	+/- 1%
DL705-13	25-1670	Lum-chroma delay inequality..	+/- 5 ns
DL705-14	25-1770	Diff. phase.....	< 0.15 degrees
DL705-15	25-1870	Diff. gain.....	< 0.15 %
DL705-16	25-1970	RMS noise.....	> 66 dB
		Hum.....	> 66 dB
		Crosstalk between channels...	> 70 dB

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