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*2003' New Design, especially for Low Cost Applications*

**PAL & NTSC 601 D/A Video Post Filters**

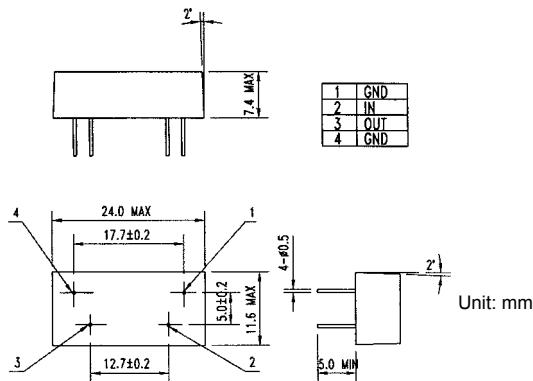
(U.S. Patent No. : 6476685)

**Model No: UN601-0575S (PAL)  
UNF-0420S (NTSC)**

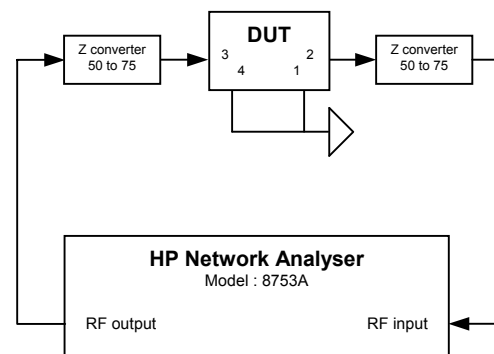
**Electrical Specifications**

	UN601-0575S (PAL)	UNF-0420S (NTSC)
Input & output AC Impedance $Z_o$	75 ohm	75 ohm
Passband , $F_v$	5.75 MHz	4.2 MHz
Passband Amplitude Ripple	0.3dB max	0.3dB max
Start of Stopband $F_s$	8.1MHz - 40dB min	6.1MHz - 40dB min
Stopband attenuation	-40dB min up to 100MHz	-40dB min up to 50MHz
Flat Loss at 100KHz	-4.5dB max	-4.5dB max
Sin x/x correction	Yes	Yes
Typical Group Delay	360ns +/- 20ns	480ns +/- 20ns
Passband Group Delay ripple	+/- 20ns max	+/- 20ns max
Passband Group Delay control to	5.5 MHz	4.1 MHz

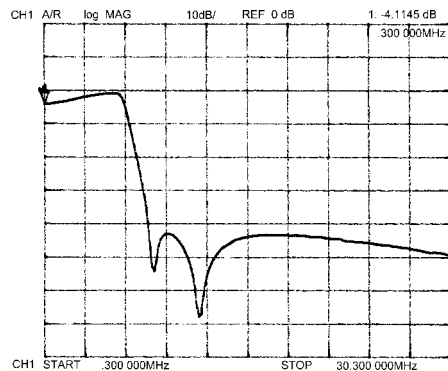
**Physical Dimensions (Type B)**



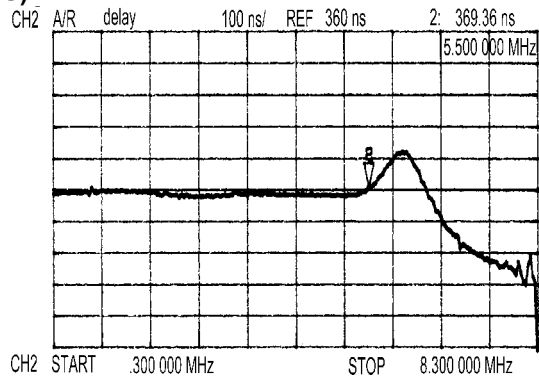
**Measurement Set up**



**Test Instrument Results and Read out (UN601-0575S)**



Frequency Response Measurements  
(10dB/division)



Group Delay Measurements  
(100ns/division)

Note : Subject to change without notice as of our policy of product improvement.