

'NANIX' D/A (Post) Video Filter (VLF series)
New Design especially for Low Cost Applications

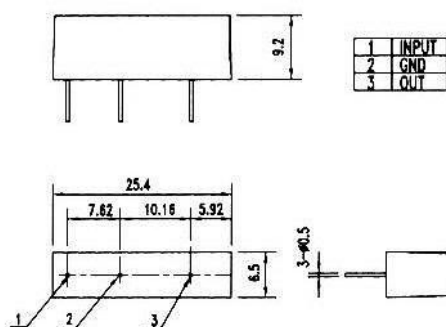
(US Patent No. : 6476685)

Model No.: VLF31S

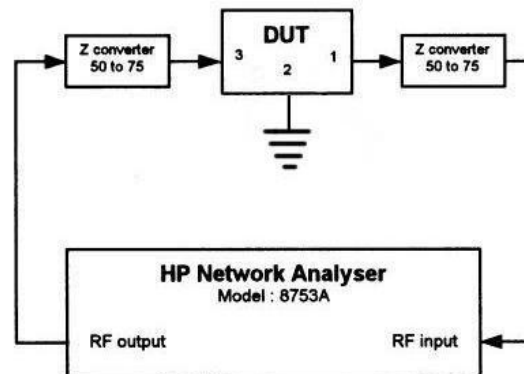
Electrical Specifications

Parameters	Luminance VLF31S (Y – Post)
Input & Output AC Impedance Zo	37.5 Ohm
Passband Fv	30 MHz
Passband Amplitude Ripple	0.3dB max
Start of Stopband Fs	44.25MHz – 30dB min
Stopband attenuation	-30dB min up to 100MHz
Flat Loss at 300KHz	-4.0 - -4.5dB
Sin x/x correction	Yes
Typical Group Delay	38ns + / - 5 ns
Passband Group delay ripple	+/- 7 ns
Passband Group Delay control to	27MHz

Physical Dimensions (Type A)

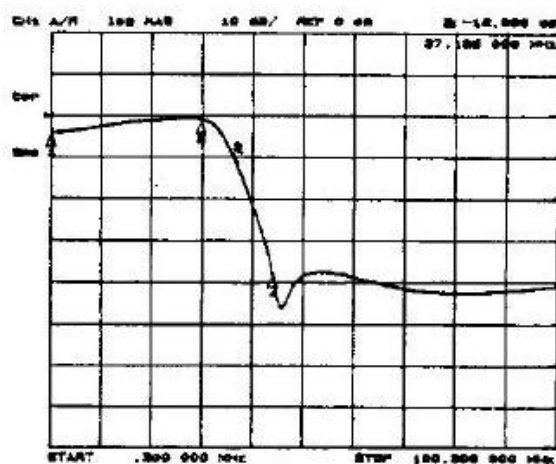


Measurement Set up

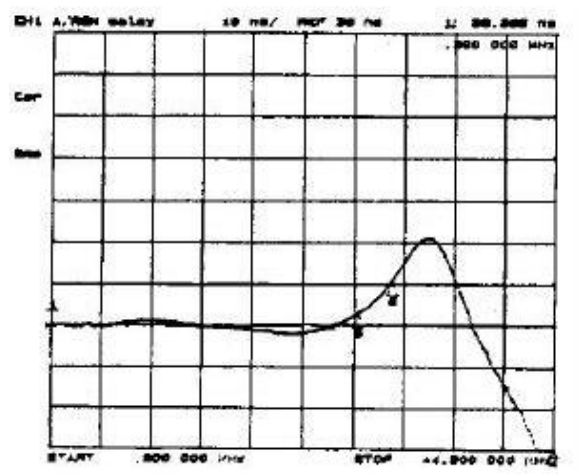


Outline dimensions: 25.7(L) x 6.8(W) x 9.5(H)mm

Test Instrument Results and Read Out



Frequency Response Measurements
(10dB/division)



Group Delay Measurements
(100ns/division)

UDC Electrical Industry Ltd.

Room 405, 4/F., Winful Centre, 30 Shing Yip Street, Kwun Tong, Kowloon, H.K.

Tel : (852) 27441613 Fax : (852) 28612980

Email : udc@udcelect.com