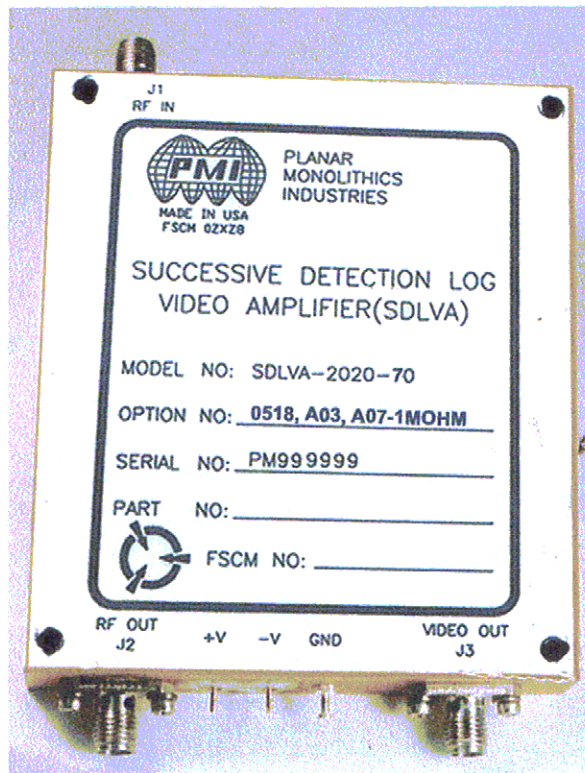


NEW PRODUCT ANNOUNCEMENT
MODEL No: SDLVA-2020-70-0518, A03, A07-1MOHM
AUGUST 22, 2003



0.5 TO 18.0 GHz, 70dB EXTENDED RANGE, SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER



THE PMI MODEL No: SDLVA-2020-70 IS AN EXTENDED RANGE BROADBAND SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA). THIS SDLVA OPERATES FROM 0.5 TO 18.0 GHz, WITH A MINIMUM TSS OF -65dBm AND A LOGGING RANGE OF -65dBm TO +5dBm. THE RISE TIME IS 20nS MAXIMUM WITH A RECOVERY TIME OF 250nS MAXIMUM, 150nS TYPICAL. THE DC POWER SUPPLY IS +15vdc @ 600mA MAX. AND -15vdc @ 200mA MAX. THIS UNIT ALSO OFFERS OPTION AO3, AN ALTERNATE LOG SLOPE OF 20mV/dB, THIS UNIT ALSO OFFERS AN OPTIONAL VIDEO LOAD OF 1MEG OHM. OTHER VIDEO LOADS, FREQUENCIES, LOG SLOPES AND POWER SUPPLY VOLTAGES ARE ALSO AVAILABLE. THE SIZE IS 3.00" X 3.50" X 0.50".

Planar Monolithics Industries, Inc.
7311-G Grove Road, Frederick, MD 21704
Tel: 301-631-1579 • Fax: 301-662-2029
Email: sales@planarmonolithics.com
Website: www.planarmonolithics.com