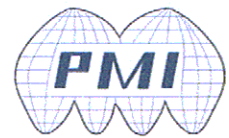
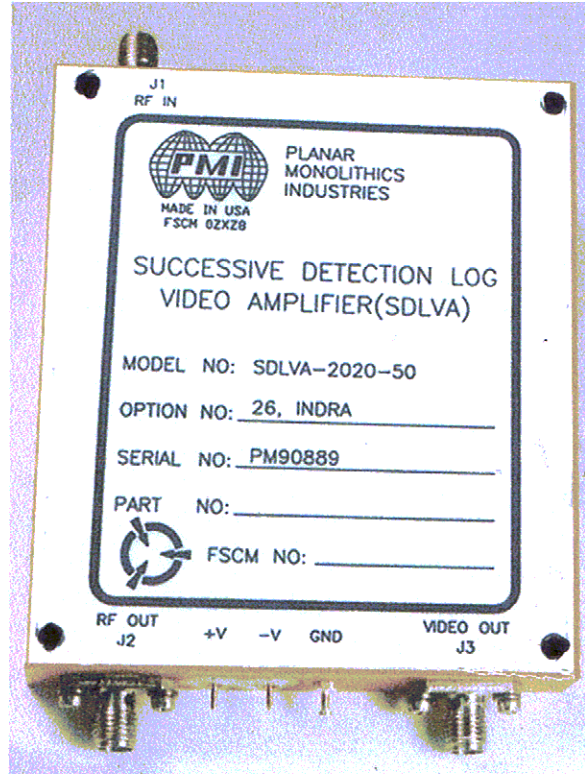


NEW PRODUCT ANNOUNCEMENT
MODEL No: SDLVA-2020-50
With Options: 26 & IND



2.4 TO 5.4 GHz, 50dB DYNAMIC RANGE,
SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER



THE PMI MODEL No: SDLVA-2020-50 IS A 50dB DYNAMIC RANGE, BROADBAND SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA), WITH A LOGGING RANGE OF -45dBm TO +5dBm. THE RISE TIME IS 20nS TYPICAL WITH A RECOVERY TIME OF 250nS MAXIMUM, 150nS TYPICAL. THE RF GAIN IS 60dB MINIMUM WITH a P_{OUT} SATURATION OF +14dBm TYPICAL, +10dBm MINIMUM. THE PROPAGATION DELAY IS 35nS TYPICAL, 45nS MAXIMUM. THE DC POWER SUPPLY IS +15 VDC @ 600mA MAX. AND -15 VDC @ 200mA MAX. THE VIDEO LOAD ON THIS UNIT IS 100Ω OTHER LOADS AVAILABLE, ALSO OTHER FREQUENCIES, LOG SLOPES AND POWER SUPPLY VOLTAGES ARE AVAILABLE. THE SIZE IS 3.00" X 3.50" X 0.50".

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