



Planar Monolithics Industries, Inc.

Ultra-Fast Log Video Amplifiers

PMI offers a variety of Fast Log Video Amplifiers (SDLVAs) covering up to 40 GHz frequency range. Designed using cutting edge GaAs technology, which provides stunning performance and reliability. PMI offers many standard models with various options that are available at:

<https://www.pmi-rf.com/categories/dlvas-erdlvas-sdlvas>



- Amplifiers - Solid State
- Attenuators - Variable/ Programmable
- Bi-Phase Modulators
- Couplers (Quadrature, 180, Directional)
- Detectors - RF / Microwave
- DLVAs, ERLDVAs & SDLVAs
- Filters & Switched Filter Banks
- Form, Fit, Functional Products & Services
- Frequency Converters
- Frequency Sources
- Frequency Discriminators & IFM
- Frequency Synthesizers
- Gain & Loss Equalizers
- Integrated MIC/MMIC Assemblies (IMAs)
- IQ Vector Modulators
- Limiters - RF / Microwave
- Log Amps
- Miscellaneous Products
- Monopulse Comparators
- Multifunction Integrated Assemblies (IMAs)
- Phase Shifters & Bi-Phase Modulators
- Power Dividers/Combiners (Passive & Active)
- Pulse Modulators - SP1T
- Rack & Chassis Mount Products
- Receiver Front Ends & Transceivers
- Single Side Band Modulators
- SMT & QFN Products
- Switch Matrices
- Switch Filter Banks
- Switches - Solid-State
- Systems - Radar Sense & Avoid
- Systems - Fly Eye Radar
- Threshold Detectors
- USB Products

PMI Model No.	Frequency Range (GHz)	TSS (dBm)	Log Slope (mV/dB)	Rise / Fall Time (ns)	Recovery (ns)	Dynamic Range Log (dBm)	Size (Inches) Connectors
SDLVA-07103-70-LA3 https://www.pmi-rf.com/product-details/sdlva-07103-70-la3	0.75- 1.25	-70	30 ± 5%	25 / 30	50	-65 to +5	1.3" x 0.95" x 0.27" GPO (Full Detent)
SDLVA-0R71R3-75-MEC https://www.pmi-rf.com/product-details/sdlva-0r71r3-75-mec	0.75- 1.3	-70	40	15 / 15	40	-70 to +5	3.75" x 1.5" x 0.5" SMA (F)
SDLVA-0120-70-100M2G-10DBM https://www.pmi-rf.com/product-details/sdlva-0120-70-100m2g-10dbm	0.1- 2	-65	25	25 / 30	40	-65 to +5	3.75" x 1.5" x 0.5" SMA (F)
SDLVA-1G20G-55-12-SFF https://www.pmi-rf.com/product-details/sdlva-1g20g-55-12-sff	1 - 20	-58	50	5 / 20	28	-55 to +5	PE2 Housing 1.08" x 0.71" x 0.29" Removable SMA (F)
SDLVA-1G20G-58-12-SFF https://www.pmi-rf.com/product-details/sdlva-1g20g-58-12-sff		-60	14			-54 to +5	
SDLVA-2G6G-70-CD-1 https://www.pmi-rf.com/product-details/sdlva-2g6g-70-cd-1	2 - 6	-70	40	15 / 25	50	-65 to +5	3.75" x 1.5" x 0.5" SMA (F)
SDLVA-212-65-16MV-12DBM https://www.pmi-rf.com/product-details/sdlva-212-65-16mv-12dbm	2 - 12.5	-64	16.7 ± 1.3	10 / 12	30	-55 to +10	4.24" x 0.994" x 0.38" SMA (F)
SDLVA-218-65-16MV-12DBM https://www.pmi-rf.com/product-details/sdlva-218-65-16mv-12dbm	2 - 18	-64	16 ± 2	10 / 15	30	-55 to +10	4.24" x 0.994" x 0.38" SMA (F)
SDLVA-218-75-16MV-12DBM https://www.pmi-rf.com/product-details/sdlva-218-75-16mv-12dbm					25	-60 to +15	
SDLVA-6G18G-CD-2-OPT218 https://www.pmi-rf.com/product-details/sdlva-6g18g-cd-2-opt218	2 - 18	-70	25 ± 10% 50 Ohms	10 / 30	60	-70 to +5	3.2" x 1.8" x 0.4" SMA (F)
SDLVA-6G18G-CD-2 https://www.pmi-rf.com/product-details/sdlva-6g18g-cd-2	6 - 18	-70	25 ± 10% 50 Ohms 48 ± 10% No Load	10 / 30	60	-70 to +5	3.2" x 1.8" x 0.4" SMA (F)
PLVA-6G18G-40-1 https://www.pmi-rf.com/product-details/plva-6g18g-40-1							
SDLVA-18G40G-65-CD-292FF https://www.pmi-rf.com/product-details/sdlva-18g40g-65-cd-292ff	18 - 40	-65	25	11 / 30	60	-63 to +2	2.37" x 1.8" x 0.42" 2.92mm (F)



West Coast Operation:
4921 Robert J. Mathews Pkwy, Suite 1
El Dorado Hills, CA 95762 USA
Tel: 916-542-1401, Fax: 916-265-2597

East Coast Operation:
7311-F Grove Road
Frederick, MD 21704 USA
Tel: 301-662-5019, Fax: 301-662-1731



sales@pmi-rf.com • www.pmi-rf.com
ISO9001-2015 REGISTERED

