



# Planar Monolithics Industries, Inc.

## Broadband High Power Limiters up to 100 Watts CW & 1 kW Peak

PMI offers a wide variety of High Power RF/Microwave Limiters with power handling up to 100 W CW & 1 kW Peak for military and industrial applications. PMI's limiters offer low loss, fast recovery along with low RF leakage levels and broadband coverage to 40 GHz. More available at: <https://www.pmi-rf.com/categories/limiters>



LM-30M2G-5CW-1KWP-SFF



LM-30M3G-C3-1



LM-1G2G-4CW-1KWP-SMF-OPT10M6G



LM-10M9G-100CW-1KWP-SFF

PMI Model No.	FREQ Range	Insertion Loss (dB)	Input Power	Leakage Power (dBm)	Recovery Time	Size (Inches) / Connectors
<b>LM-30M2G-5CW-1KWP-SFF</b> <a href="https://www.pmi-rf.com/product-details/lm-30m2g-5cw-1kwp-sff">https://www.pmi-rf.com/product-details/lm-30m2g-5cw-1kwp-sff</a>	30 MHz - 2 GHz	1	5 W CW Min, 1 kW Peak (0.1% Duty Cycle, 1 μs Max Pulse Width)	17	22 ns	0.90" x 0.38" x 0.38" SMA (F)
<b>LM-30M3G-C3-1</b> <a href="https://www.pmi-rf.com/product-details/lm-30m3g-c3-1">https://www.pmi-rf.com/product-details/lm-30m3g-c3-1</a>	30 MHz - 3 GHz	1.2	5 W CW @ +25°C	10	1 μs	1.314" x 0.375" 2.92mm (M/F)
<b>LM-1G2G-4CW-1KWP-SMF-OPT10M6G</b> <a href="https://www.pmi-rf.com/product-details/lm-1g2g-4cw-1kwp-smf-opt10m6g">https://www.pmi-rf.com/product-details/lm-1g2g-4cw-1kwp-smf-opt10m6g</a>	10 MHz - 6 GHz	2	4 W CW Min, 1 kW Peak (1% Duty Cycle, 1 μs Max Pulse Width)	16	100 ns	1.00" x 0.75" x 0.38" SMA (M/F)
<b>LM-10M9G-100CW-1KWP-SFF</b> <a href="https://www.pmi-rf.com/product-details/lm-10m9g-100cw-1kwp-sff">https://www.pmi-rf.com/product-details/lm-10m9g-100cw-1kwp-sff</a>	10 MHz - 9 GHz	2	100 W CW Max (10 MHz to 8 GHz), 80 W CW Max (9 GHz), 50 W CW Max (10 MHz to 9 GHz)	20	60 ns	1.86" x 0.65" x 0.38" SMA (F)
<b>LM-10M18G-16-20W-AL</b> <a href="https://www.pmi-rf.com/product-details/lm-10m18g-16-20w-al">https://www.pmi-rf.com/product-details/lm-10m18g-16-20w-al</a>	10 MHz - 18 GHz	2	20 W Max @ -55°C to +85°C, 1 kW Peak Max (1 μs Pulse Width, 1% Duty Cycle), 100 W Peak (10 μs Pulse Width, 10% Duty Cycle)	17	250 ns	0.90" x 0.38" x 0.38" SMA (M/F)
<b>LM-100M20G-18-10W-SFF-MAH</b> <a href="https://www.pmi-rf.com/product-details/lm-100m20g-18-10w-sff-mah">https://www.pmi-rf.com/product-details/lm-100m20g-18-10w-sff-mah</a>	0.1 - 20 GHz	3	10 W Pulsed, 100 μs Pulse Width, 10% Duty Cycle, 1 W CW	18	115 ns	0.50" x 0.50" x 0.22" SMA (F) Field Removable
<b>LM-20M18G-100W-15DBM</b> <a href="https://www.pmi-rf.com/product-details/lm-20m18g-100w-15dbm">https://www.pmi-rf.com/product-details/lm-20m18g-100w-15dbm</a>	20 MHz - 18 GHz	2.6	100 W CW Max @ -55°C to +85°C, 1 kW Peak Min +85°C (1 μs Pulse Width, 0.1% Duty Cycle), 100 W (1 μs, 1% Duty Cycle, 10 kHz), 100 W (10 μs, 0.1% Duty Cycle, 100 Hz), 100 W (1 μs, 0.1% Duty Cycle, 1 kHz), 100 W (40 μs, 10% Duty Cycle, 2.5 kHz)	15	100 ns	0.90" x 0.38" x 0.38" SMA (M/F)
<b>LM-20M20G-18-20WP-5W-MAH</b> <a href="https://www.pmi-rf.com/product-details/lm-20m20g-18-20wp-5w-mah">https://www.pmi-rf.com/product-details/lm-20m20g-18-20wp-5w-mah</a>	20 MHz - 20 GHz	2.5	20 W Pulsed, 100 μs Pulse Width, 10% Duty Cycle, 5 W CW	18	25 ns	0.50" x 0.50" x 0.22" SMA (F) Field Removable
<b>LM-1G18G-16-4W-SMF</b> <a href="https://www.pmi-rf.com/product-details/lm-1g18g-16-4w-smf">https://www.pmi-rf.com/product-details/lm-1g18g-16-4w-smf</a>	1 - 18 GHz	2.3	4 W CW Min @ +85°C, 1000 W Peak Min @ +85°C (1 μs Pulse Width, 0.1% Duty Cycle)	16	24 ns	0.90" x 0.38" x 0.38" SMA (M/F)
<b>LM-1G18G-15-3W-500WP-SFF</b> <a href="https://www.pmi-rf.com/product-details/lm-1g18g-15-3w-500wp-sff">https://www.pmi-rf.com/product-details/lm-1g18g-15-3w-500wp-sff</a>	1 - 18 GHz	2.5	3 W CW 500 W Peak	17	33 ns	1.00" x 1.00" x 0.40" SMA (F) Field Removable
<b>LM-2G18G-18-20W-1KWP-SFF</b> <a href="https://www.pmi-rf.com/product-details/lm-2g18g-18-20w-1kwp-sff">https://www.pmi-rf.com/product-details/lm-2g18g-18-20w-1kwp-sff</a>	2 - 18 GHz	2.6	+43 dBm CW Max, +50 dBm (10% Duty Cycle, 40 μs Pulse Width) Max Peak	18	10 ns	1.00" x 1.00" x 0.40" SMA (F) Field Removable
<b>LM-18G40G-18-1W-292FF</b> <a href="https://www.pmi-rf.com/product-details/lm-18g40g-18-1w-292ff">https://www.pmi-rf.com/product-details/lm-18g40g-18-1w-292ff</a>	18 - 40 GHz	4	1 W CW	18	10 ns	0.5" x 0.5" x 0.22" 2.92mm (F) Field Removable



LM-10M18G-16-20W-AL



LM-20M18G-100W-15DBM



LM-1G18G-16-4W-SMF



LM-2G18G-18-20W-1KWP-SFF



LM-100M20G-18-10W-SFF-MAH



LM-20M20G-18-20WP-5W-MAH



LM-1G18G-15-3W-500WP-SFF



LM-18G40G-18-1W-292FF

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