Presenting...

New Product Releases from Planar Monolithics Industries, Inc.
May 11, 2020

1.0 PMI Model No. LM-10M6G-15-2D5W-SFF, 10 MHz to 6.0 GHz (Usable to 10.0 GHz), High Power Limiter

PMI Model No. LM-10M6G-15-2D5W-SFF is a High Power Limiter that operates over the 10 MHz to 6.0 GHz frequency range (usable to 10.0 GHz). It has a maximum insertion loss of 2 dB and a maximum VSWR of 1.8:1. This model is outfitted with SMA female connectors in a housing measuring 1.00" x 0.68" x 0.35".

- Frequency Range: 10 MHz to 6.0 GHz (Usable to 10.0 GHz)
- Power Handling:
  - 2.5 W (+34 dBm) CW Max.
  - 3 W Peak (+35 dBm) Max., Pulse 1 us, 1% Duty Cycle
- Insertion Loss: 2 dB Max. - Measured 1.49 dB
- VSWR (In/Out): 1.8:1 Max. - Measured 1.76:1
- Flat Leakage Power: +23 dBm Typ.
- Recovery Time: 100 ns Max. - Measured 11 ns
2.0 PMI Model No. LM-10M12G-20-10W-SFF, 10 MHz to 12.0 GHz, High Power Limiter

PMI Model No. LM-10M12G-20-10W-SFF is a High Power Limiter that operates over the 10 MHz to 12.0 GHz frequency range. It has a maximum insertion loss of 2 dB and a maximum VSWR of 2:1. This model is outfitted with SMA female connectors in a housing measuring 1.00" x 0.68" x 0.35".

- Frequency Range: 10 MHz to 12.0 GHz
- Power Handling:
  - +40 dBm CW Max.
  - Peak Power 100 W, Pulse 1 us, 1% Duty Cycle
- Insertion Loss: 2 dB Max. - Measured 1.89 dB
- VSWR (In/Out): 2:1 Max. - Measured 1.88:1
- Flat Leakage Power: +20 dBm Typ.
- Recovery Time: 1 usec Max. - Measured 11 ns

3.0 PMI Model No. LM-10M12G-20-10W-SFF-OPTION-17G, 10 MHz to 17.0 GHz, High Power Limiter

PMI Model No. LM-10M12G-20-10W-SFF-OPTION-17G is a High Power Limiter that operates over the 10 MHz to 17.0 GHz frequency range. It has a maximum insertion loss of 2.3 dB and a maximum VSWR of 2:1. This model is outfitted with SMA female connectors in a housing measuring 1.00" x 0.68" x 0.35".

- Frequency Range: 10 MHz to 17.0 GHz
- Power Handling:
  - +40 dBm CW Max.
  - Peak Power 100 W, Pulse 1 us, 1% Duty Cycle
- Insertion Loss: 2.3 dB Max. - Measured 1.4 dB
- VSWR (In/Out): 2:1 Max. - Measured 1.58:1
- Flat Leakage Power: +20 dBm Typ.
- Recovery Time: 1 usec Max. - Measured 11 ns

4.0 PMI Model No. LM-50M4G-16-1W-SFF, 50 MHz to 4.0 GHz (Usable to 11.0 GHz), High Power Limiter
PMI Model No. LM-50M4G-16-1W-SFF is a 50 MHz to 4.0 GHz (usable to 11.0 GHz) High Power Limiter. It has a maximum insertion loss of 1.7 dB and a maximum VSWR of 1.80:1. It has SMA female connectors in a housing measured at 1.00” x 0.68” x 0.35”.

- Frequency Range: 50 MHz to 4.0 GHz (Usable to 11.0 GHz)
- Power Handling:
  - 1 W (+30 dBm) CW (Usable to 4 W Max.)
  - 32 W Peak (+45 dBm), Pulse Width 1 us, Duty Cycle 0.1%
- Insertion Loss: 1.7 dB Max. - Measured 1.5 dB
- VSWR (In/Out): 1.80:1 Max.
- Flat Leakage Power: +22 dBm Typ.
- Recovery Time: 50 ns Max. - Measured 11.01 ns

PMI Website Link, https://www.pmi-rf.com/product-details/lm-50m4g-16-1w-sff

5.0 PMI Model No. LM-300M1G-21-360W-SFF, 0.3 to 1.0 GHz, High Power Limiter

PMI Model No. LM-300M1G-21-360W-SFF is a High Power Limiter that operates over the 0.3 to 1.0 GHz frequency range. It has a maximum insertion loss of 1 dB and a maximum VSWR of 2:1. This model is outfitted with SMA female connectors in a housing measuring 1.00” x 0.68” x 0.35”.

- Frequency Range: 0.3 to 1.0 GHz
- Power Handling:
  - +54 dBm CW Max. (250 W)
  - Peak Power 360 W, Pulse 2 ms, 10% Duty Cycle
- Insertion Loss: 1 dB Max. - Measured 0.85 dB
- VSWR (In/Out): 2:1 Max. - Measured 1.86:1
- Flat Leakage Power: +21 dBm Typ.
- Recovery Time: 1 us Max. - Measured 13 ns

PMI Website Link, https://www.pmi-rf.com/product-details/lm-300m1g-21-360w-sff

6.0 PMI Model No. LM-1G2G-19-200W-SFF, 1.0 to 2.0 GHz, High Power Limiter

PMI Model No. LM-1G2G-19-200W-SFF is a High Power Limiter that operates over the 1.0 to 2.0 GHz frequency range. It has a maximum insertion loss of 1.3 dB and a maximum VSWR of 2:1. This model is outfitted with SMA female connectors in a housing measuring 1.00” x 0.68” x 0.35”.

- Frequency Range: 1.0 to 2.0 GHz
- Power Handling:
  - +53 dBm CW Max. (200 W)
  - +55 dBm Peak, 3 ms Pulse, 10% Duty Cycle (320 W)
- Insertion Loss: 1.3 dB Max. - Measured 1.2 dB
- VSWR (In/Out): 2:1 Max. - Measured 1.9:1
7.0 PMI Model No. LM-2G4G-15-100W-SFF, 2.0 to 4.0 GHz, High Power Limiter

PMI Model No. LM-2G4G-15-100W-SFF is a High Power Limiter that operates over the 2.0 to 4.0 GHz frequency range. It has a maximum insertion loss of 1.5 dB and a maximum VSWR of 2:1. This model is outfitted with SMA female connectors in a housing measuring 1.00" x 0.68" x 0.35".

- Frequency Range: 2.0 to 4.0 GHz (Usable 1.0 to 5.0 GHz)
- Power Handling:
  - +50 dBm CW Max. (100 W)
  - +54 dBm Peak, 1 ms Pulse, 10% Duty Cycle (250 W)
- Insertion Loss: 1.5 dB Max. - Measured 1.3 dB
- VSWR (In/Out): 2:1 Max. - Measured 1.91:1
- Flat Leakage Power: +21 dBm Typ.
- Recovery Time: 1 us Max. - Measured 617.98 ns

8.0 PMI Model No. APD-2-1D527-292FF, 1.5 to 27.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-1D527-292FF is a 1.5 to 27.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 3.2 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 1.5 to 27.0 GHz
- Insertion Loss: 3.2 dB Max. - Measured 3.0 dB
- VSWR In/Out: 2.0:1 Max. - Measured 1.86:1/1.91:1
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max.
- Phase Balance: ±3.0° Typ., ±6.0° Max.
- Reverse Power Handling: 1 W Min.

9.0 PMI Model No. APD-2-24-292FF, 2.0 to 4.0 GHz, 2-Way Power Divider

PMI Website Link,

PMI Website Link,
PMI Model No. APD-2-24-292FF is a 2.0 to 4.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.0 dB and a typical isolation of 26 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 2.0 to 4.0 GHz
- Insertion Loss: 1.0 dB Max. - Measured 0.69 dB
- VSWR In/Out: 1.7:1 Max. - Measured 1.58:1/1.24:1
- Isolation: 26 dB Typ., 22 dB Min.
- Amplitude Balance: ±0.1 dB Typ., ±0.2 dB Max.
- Phase Balance: ±0.75° Typ., ±1.5° Max.
- Reverse Power Handling: 1 W Min.

PMI Website Link,

10.0 PMI Model No. APD-2-26-292FF, 2.0 to 6.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-26-292FF is a 2.0 to 6.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.0 dB and a typical isolation of 22 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 2.0 to 6.0 GHz
- Insertion Loss: 1.0 dB Max. - Measured 0.75 dB
- VSWR In/Out: 1.7:1 Max. - Measured 1.58:1/1.24:1
- Isolation: 22 dB Typ., 19 dB Min.
- Amplitude Balance: ±0.1 dB Typ., ±0.2 dB Max.
- Phase Balance: ±0.75° Typ., ±1.5° Max.
- Reverse Power Handling: 1 W Min.

PMI Website Link,

11.0 PMI Model No. APD-2-218-292FF, 2.0 to 18.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-218-292FF is a 2.0 to 18.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.8 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 2.0 to 18.0 GHz
- Insertion Loss: 1.8 dB Max. - Measured 1.55 dB
- VSWR In/Out: 1.8:1 Max. - Measured 1.58:1
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max.
- Phase Balance: ±2.5° Typ., ±5.0° Max. - Measured ±1.11°
- Reverse Power Handling: 1 W Min.

PMI Website Link,
12.0 PMI Model No. APD-2-226-292FF, 2.0 to 26.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-226-292FF is a 2.0 to 26.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 3.0 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 2.0 to 26.0 GHz
- Insertion Loss: 3.0 dB Max. - Measured 2.90 dB
- VSWR In/Out: 2.0:1 Max.
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max. - Measured ±0.17 dB
- Phase Balance: ±3.0° Typ., ±6.0° Max.
- Reverse Power Handling: 1 W Min.

PMI Website Link,

13.0 PMI Model No. APD-2-226D5-292FF, 2.0 to 26.5 GHz, 2-Way Power Divider

PMI Model No. APD-2-226D5-292FF is a 2.0 to 26.5 GHz, 2-Way Power Divider. It has a maximum insertion loss of 3.0 dB and a typical isolation of 20 dB. The unit is supplied in a housing measuring 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 2.0 to 26.5 GHz
- Insertion Loss: 3.0 dB Max. - Measured 2.76 dB
- VSWR In/Out: 2.0:1 Max. - Measured 1.98:1/1.97:1
- Isolation: 17 dB Min., 20 dB Typ.
- Amplitude Balance: ±0.2 dB Typ., ±0.4 dB Max.
- Phase Balance: ±3.0° Typ., ±6.0° Max.
- Reverse Power Handling: 1 W Min.

PMI Website Link,

14.0 PMI Model No. APD-2-48-292FF, 4.0 to 8.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-48-292FF is a 4.0 to 8.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.2 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 4.0 to 8.0 GHz
- Insertion Loss: 1.2 dB Max.
- VSWR In/Out: 1.7:1 Max. - Measured 1.49:1/1.24:1
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.15 dB Typ., ±0.25 dB Max. - Measured ±0.12 dB
- Phase Balance: ±0.75° Typ., ±1.5° Max.
- Reverse Power Handling: 1 W Min.

PMI Website Link,
15.0 PMI Model No. APD-2-612-292FF, 6.0 to 12.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-612-292FF is a 6.0 to 12.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.4 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 6.0 to 12.0 GHz
- Insertion Loss: 1.4 dB Max. - Measured 1.14 dB
- VSWR In/Out: 1.8:1 Max. - Measured 1.40:1/1.38:1
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.15 dB Typ., ±0.30 dB Max. - Measured ±0.13 dB
- Phase Balance: ±1.0° Typ., ±2.5° Max.
- Reverse Power Handling: 1 W Min.

PMI Website Link:

16.0 PMI Model No. APD-2-618-292FF, 6.0 to 18.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-618-292FF is a 6.0 to 18.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.8 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 6.0 to 18.0 GHz
- Insertion Loss: 1.8 dB Max. - Measured 1.55 dB
- VSWR In/Out: 1.8:1 Max. - Measured 1.53:1/1.58:1
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max.
- Phase Balance: ±2.5° Typ., ±5.0° Max. - Measured ±1.11°
- Reverse Power Handling: 1 W Min.

PMI Website Link:

17.0 PMI Model No. APD-2-620-292FF, 6.0 to 20.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-620-292FF is a 6.0 to 20.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 2.2 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 6.0 to 20.0 GHz
- Insertion Loss: 2.2 dB Max. - Measured 2.01 dB
- VSWR In/Out: 1.9:1 Max. - Measured 1.59:1/1.71:1
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max.
- Phase Balance: ±1.5° Typ., ±3.0° Max.
- Reverse Power Handling: 1 W Min.
18.0 PMI Model No. APD-2-812-292FF, 8.0 to 12.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-812-292FF is a 8.0 to 12.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.4 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 8.0 to 12.0 GHz
- Insertion Loss: 1.4 dB Max. - Measured 1.14 dB
- VSWR In/Out: 1.8:1 Max. - Measured 1.40:1/1.38:1
- Isolation: 20 dB Typ., 17 dB Min.
- Amplitude Balance: ±0.15 dB Typ., ±0.30 dB Max. - Measured ±0.13 dB
- Phase Balance: ±1.0° Typ., ±2.5° Max.
- Reverse Power Handling: 1 W Min.

19.0 PMI Model No. APD-2-1218-292FF, 12.0 to 18.0 GHz, 2-Way Power Divider

PMI Model No. APD-2-1218-292FF is a 12.0 to 18.0 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.8 dB and a typical isolation of 26 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 12.0 to 18.0 GHz
- Insertion Loss: 1.8 dB Max. - Measured 1.55 dB
- VSWR In/Out: 1.8:1 Max. - Measured 1.53:1/1.58:1
- Isolation: 26 dB Typ., 24 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max.
- Phase Balance: ±2.5° Typ., ±5.0° Max. - Measured ±1.11°
- Reverse Power Handling: 1 W Min.

20.0 PMI Model No. APD-2-1226D5-292FF, 12.0 to 26.5 GHz, 2-Way Power Divider

PMI Model No. APD-2-1226D5-292FF is a 12.0 to 26.5 GHz, 2-Way Power Divider. It has a maximum insertion loss of 1.8 dB and a typical isolation of 20 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 12.0 to 26.5 GHz
- Insertion Loss: 1.8 dB Max. - Measured 2.76 dB
- VSWR In/Out: 2.0:1 Max. - Measured 1.98:1/1.97:1
- Isolation: 22 dB Typ., 20 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max.
**21.0 PMI Model No. APD-2-1826D5-292FF, 18.0 to 26.5 GHz, 2-Way Power Divider**

PMI Model No. APD-2-1826D5-292FF is a 18.0 to 26.5 GHz, 2-Way Power Divider. It has a maximum insertion loss of 3.0 dB and a typical isolation of 22 dB. The housing is measured at 1.00" x 1.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 18.0 to 26.5 GHz
- Insertion Loss: 3.0 dB Max. - Measured 2.76 dB
- VSWR In/Out: 2.0:1 Max. - Measured 1.98:1/1.97:1
- Isolation: 22 dB Typ., 20 dB Min.
- Amplitude Balance: ±0.20 dB Typ., ±0.40 dB Max.
- Phase Balance: ±3.0° Typ., ±6.0° Max.
- Reverse Power Handling: 1 W Min.

**PMI Website Link,**

**22.0 PMI Model No. APD-4-122-292FF, 1.0 to 22.0 GHz, 4-Way Power Divider**

PMI Model No. APD-4-122-292FF is a 1.0 to 22.0 GHz, 4-Way Power Divider. It has a maximum insertion loss of 3.0 dB and a typical isolation of 18 dB. The housing is measured at 3.50" x 2.00" x 0.40" and has 2.92 mm female connectors.

- Frequency Range: 8.0 to 22.0 GHz
- Insertion Loss:
  - 1.0 to 18.0 GHz: 3.0 dB Max.
  - 18.0 to 22.0 GHz: 3.5 dB Max.
- Isolation:
  - 1.0 to 2.0 GHz: 12 dB Typ.
  - 2.0 to 22.0 GHz: 18 dB Typ.
- VSWR In/Out: 2.0:1 Max./1.85:1 Max.
- Amplitude Balance: ±0.3 dB Typ., ±0.7 dB Max.
- Phase Balance:
  - 1.0 to 18.0 GHz: ±5.0° Max.
  - 18.0 to 22.0 GHz: ±6.0° Max.
- Average Power:
  - Into 1.2:1 Load VSWR: 25 W
  - Into 2.0:1 Load VSWR: 7.5 W
  - Into ∞:1 Load VSWR: 0.75 W

**PMI Website Link,**

**23.0 PMI Model No. APD-4-2G26G-292FF-1W, 2.0 to 26.0 GHz, 4-Way Power Divider**

PMI Model No. APD-4-2G26G-292FF is a 2.0 to 26.0 GHz, 4-Way Power Divider.
Divider

PMI Model No. APD-4-2G26G-292FF-1W is a 2.0 to 26.0 GHz, 4-Way Power Divider. It has a maximum insertion loss of 2.25 dB and a minimum isolation of 15 dB. The housing is measured at 3.000" x 2.000" x 0.375" and has 2.92 mm female connectors.

- Frequency Range: 2.0 to 26.0 GHz
- Insertion Loss: 2.25 dB Max. - Measured 1.73 dB
- VSWR In/Out: 1.7:1 Max. - Measured 1.67:1/1.66:1
- Isolation: 15 dB Min. - Measured 16.6 dB
- Amplitude Balance: ±0.5 dB Max. - Measured +0.28/-0.27
- Phase Balance: ±6° Max. - Measured +3.08°/-1.83°
- Amplitude Change Over Temperature Range: <0.5 dB
- Phase Change Over Temperature Range: <7.5°
- Reverse Power Handling: >1 W CW

PMI Website Link,
https://www.pmi-rf.com/product-details/apd-4-2g26g-292ff-1w

24.0 PMI Model No. PEAFS3-14-0R2535R0-6R5-23-12-292FF, 0.25 to 35.0 GHz, Low Noise Amplifier

PMI Model No. PEAFS3-14-0R2535R0-6R5-23-12-292FF is a Low Noise Amplifier that operates over the frequency 0.25 to 35.0 GHz. It has a typical gain of 14 dB and a typical noise figure of 6.5 dB. The housing is measured at 0.53" x 0.56" x 0.18" and has SMA female connectors.

- Frequency Range: 0.25 to 35.0 GHz
- Gain: 14 dB Typ.
- Gain Flatness: ±1.5 dB Max.
- Noise Figure: 6.5 dB Typ.
- OP1dB: 23 dBm Min.
- VSWR In/Out: 2.0:1 Max.
- DC Supply: +12 to +15 VDC @ 300 mA Typ.

PMI Website Link,
https://www.pmi-rf.com/product-details/peafs3-14-0r2535r0-6r5-23-12-292ff

25.0 PMI Model No. PTB-40-0R118-6R5-21-120VAC-1U-SFF-OPT10M6G, 10 MHz to 6.0 GHz, Integrated Microwave Assembly

PMI Model No. PTB-40-0R118-6R5-21-120VAC-1U-SFF-OPT10M6G is an Integrated Microwave Assembly operating over the frequency range of 10 MHz to 6.0 GHz. It has a minimum gain of 40 dB, a typical noise figure of 6.5 dB, and a minimum attenuation control of 50 dB. It is supplied with SMA female connectors in a chassis measuring 1 U in height and 10" in depth and is to fit in a 19" rack.

- Frequency Range: 10 MHz to 6.0 GHz
- Gain: 40 dB Min. - Measured 48.5 dB
Gain Flatness:
- ±1.5 dB Max. (0.1 to 6.0 GHz)
- ±3.5 dB Max. (10 MHz to 0.1 GHz)

Noise Figure:
- 6.5 dB Typ. (0.1 to 6.0 GHz) - Measured 4.9 dB
- 10.0 dB Typ. (10 MHz to 0.1 GHz)
- Min Gain Position: +23 dB ± 4 dB Max.

OP1dB: +20 dBm Min. - Measured +21 dBm

Attenuation: 50 dB Min., 60 dB Typ. (1 dB Steps)

AC Power:
- 120 VAC, 60 Hz
- 6 Foot Power Cord Supplied
- Fuse Protection Included
- On/Off Switch
- LED Power Indicator

RS-232 Control:
- 0 to 60 dB, BAUD Rate 9600
- 8 Bits, 1 Stop Bit
- No Parity, No Flow Control

PMI Website Link,
https://www.pmi-rf.com/product-details/ptb-40-0r118-6r5-21-120vac-1u-sff-opt10m6g

26.0 PMI Model No. PLNA-100M300M-23-SFF, 0.1 to 0.3 GHz, Low Noise Amplifier

PMI Model No. PLNA-100M300M-23-SFF is a Low Noise Amplifier that operates over the frequency range of 0.1 to 0.3 GHz. It has a typical gain of 23 dB and a typical P1dB of 10.7 dBm. It is supplied in a housing measuring 1.00" x 1.00" x 0.50" and has SMA female connectors.

- Frequency Range: 0.1 to 0.3 GHz
- Gain: 23.0 dB Typ.
- Gain Flatness: ±1.0 dB Typ. - Measured ±0.6 dB
- P1dB: 10.7 dBm Typ.
- VSWR In/Out: 1.1:1 Typ./1.3:1 Typ.
- Max Power Input: 13 dBm
- OIP3: 23.3 dBm Typ.
- Noise Figure: 2.2 dB Typ.
- Power Supply: 5 V @ 32 mA Typ.

PMI Website Link,
https://www.pmi-rf.com/product-details/plna-100m300m-23-sff

27.0 PMI Model No. PVAN-100M300M-20-SFF, 0.1 to 0.3 GHz, Voltage Controlled Attenuator
PMI Model No. PVAN-100M300M-20-SFF is a Voltage Controlled Attenuator that operates over the frequency range of 0.1 to 0.3 GHz. It has a maximum insertion loss of 1.5 dB and a maximum VSWR at 0 volt state of 1.5:1. It is supplied in a housing measuring 1.25" x 1.25" x 0.50" and has SMA female connectors.

- Frequency Range: 0.1 to 0.3 GHz
- Insertion Loss: 1.5 dB Max. - Measured 1.25 dB
- VSWR at 0 Volt State: 1.5:1 Max. - Measured 1.4:1
- Attenuation: 20 dB Typ., 16 dB Min.
- Power Supply: 0 V to -5 V @ 40 mA Max. - Measured 32 mA

**PMI Website Link,**
https://www.pmi-rf.com/product-details/pvan-100m300m-20-sff

**DC to 50 GHz Components, Modules, and Sub-Systems**

PMI offers just about any RF/Microwave component, module, or sub-system for both industrial and military based requirements. Please click on the product types below to be directed to our web site catalog. Components and modules can be modified to meet your exact requirement.

(Click on links below to be directed to the web listings)
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