Planar Monolithics Industries
Low Noise Amplifiers up to 50 GHz

PMI offers a wide range of Ultra-broadband Low Noise Amplifiers with the industry's lowest Noise figure available up to 50 GHz. These LNA's offer internal voltage regulation, internal reverse voltage protection, 2-IN-1 dual use connectorized or surface mount designs, and unconditional stability. More available at: https://www.pmi-rf.com/categories/amplifiers

**PMI Model No.** | **Frequency Range (GHz)** | **Gain (dB Typ)** | **Gain Flatness (dB Typ)** | **Noise Figure (dB Typ)** | **OP1dB (dBm Typ)** | **Configuration Size (Inches)** | **Connectors**
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PLNA-30-10M20-292FF | 0.01 - 20 | 28 | ±2.5 | 2.5 | +14 (0.01 - 18 GHz) +13 (18 - 20 GHz) | 0.53” x 0.70” x 0.26” | Removable
PEAFS3-14-10M22G-292FF | 0.01 - 22 | 14 | ±0.8 | 2.5 | +14 (0.01 - 18 GHz) +13 (18 - 22 GHz) | 2.92mm (F) | Removable
PEC-30-0R5G50G-22-12-292FF | 0.25 - 35 | 14 | ±1.5 | 5.0 | +23 | | Removable
PUB-14-30M20G-14-LCA | 0.03 - 20 | 14 | ±2.5 | 3.0 | +14 | 1.08” x 0.71” x 0.29” | SMA (F) Removable
PEC3-40-30M26R5G-6R0-12-12-SFF | 0.03 - 26.5 | 35 | ±3.5 | 5.5 | +12 | 1.92” x 0.78” x 0.36” | SMA (F) Removable
PEC-30-0R2520R0-5R0-22-12-SFF | 0.25 - 20 | 26.5 | ±1.5 | 4.0 | +22 | 1.25” x 1.25” x 0.563” | SMA (F) Removable
LNA-35-500M2D5G-0D6-25-12-SFF | 0.5 - 2.5 | 35 | ±1.6 | 0.6 | +25 | | | Removable
LNA-35-500M2D5G-0D6-25-12-SFF | 0.5 - 18 | 45 | ±2.0 | 2.95 | +10 | 0.90” x 1.67” x 0.36” | SMA (F)
PEC-30-500NG4G-0-25-12-SFF | 0.5 - 40 | 30 | ±2.5 | 4.7 | +19 (0.5 - 18 GHz) +17 (18 - 40 GHz) | 1.37” x 1.00” x 0.60” 2.92mm (F)
PEC-0R5G5G0-22-12-24FF | 0.5 - 50 | 30 | ±2.5 | 5.0 | +19 (0.5 - 30 GHz) +17 (30 - 50 GHz) | 1.37” x 1.00” x 0.60” 2.4mm (F)
PE2-19-6G18G-1R6-16-12-SFF | 6 - 18 | 19 | ±2.5 | 2.0 | +25 | 1.08” x 0.71” x 0.29” | SMA (F) Removable

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**Systems - Radar Sense & Avoid**

**Systems - Fly Eye Radar**

**Threshold Detectors**

**USB Products**