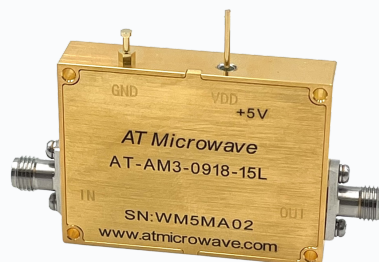


x3 Multiplier up to 18 GHz



TECHNICAL SPECIFICATIONS

- **Output Frequency Range**
9–18 GHz
- **Multiplication Factor**
x3
- **Input Power Requirement**
+0 dBm minimum (typical +3 dBm)
- **Interface**
SMA Female (input and output)
- **Package**
Gold-plated copper case with integrated thermal management
- **Input Frequency Range**
3–6 GHz
- **Typical Output Power**
+15 dBm
- **Harmonic Suppression**
X2/X4 products typically –25 dBc
- **Operating Temperature Range**
–40 to +85 °C

APPLICATIONS

5G & Telecommunications: Frequency extension across mid-band and high-band spectrums while maintaining phase coherence and low distortion

Radar & Sensing: Reliable multiplication performance across extended environmental conditions for automotive and surveillance systems

Test & Measurement: Precision signal generation for wideband characterization and validation of RF components

Aerospace & Defense: High harmonic suppression ensures spectrum compliance in regulated frequency bands