

# Coax Frequency Multiplier up to 110 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency coverage**  
DC to 110 GHz output capability
- **Multiplication factors**  
x2, x3, x4, and x6 configurations available
- **Topology options**  
Active and passive multiplier designs
- **Power handling**  
High-power variants engineered for elevated input levels
- **Interface**  
Coaxial connectors (SMA and larger formats for higher frequencies)
- **Custom design services**  
Tailored solutions for specialized applications

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## APPLICATIONS

SATCOM Systems: Frequency multiplication for satellite uplink and downlink signal conditioning

Defense and Military Electronics: Radar, EW, and test equipment requiring precise harmonic generation

5G/6G Infrastructure: Signal generation and testing across sub-6 GHz and mmWave frequency bands

Test and Measurement: Laboratory instrumentation and field-deployable measurement systems

RF Research: Academic and industrial R&D requiring flexible frequency synthesis