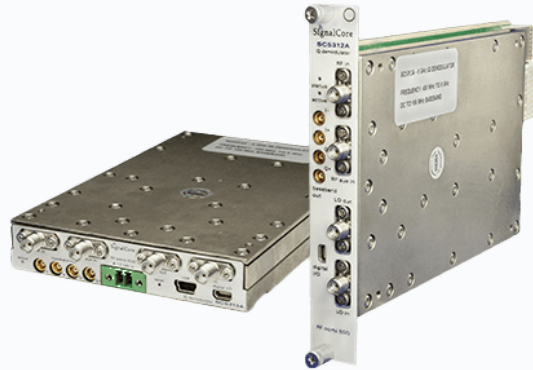


# IQ Modulators & Demodulators up to 6 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
DC to 6 GHz for comprehensive application flexibility
- **Coaxial Design**  
Robust integration into existing RF systems
- **Modulation/Demodulation**  
In-phase (I) and quadrature (Q) channels for complex signal processing
- **Low Noise**  
Optimized dynamic range for sensitive receiver chains
- **Linearity & VSWR**  
Excellent impedance matching and signal fidelity

## APPLICATIONS

5G/6G telecommunications systems and base stations

SATCOM and satellite links

Defense systems and radar applications

FMCW and CW radar methods for ADAS

Pulsed systems and high-frequency test and measurement

Broadband test equipment and laboratory applications