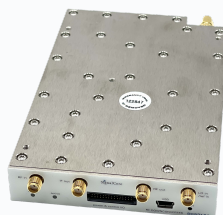


Downconverters up to 40 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 6 GHz, 6 to 26.5 GHz, and 20 to 40 GHz models available
- **Interface Options**
PXI Express, USB-SPI, and USB RS232 connectivity
- **Architecture**
Integrated local oscillator (LO) and mixer stage
- **Performance**
Low noise figure across designated frequency ranges
- **Form Factor**
Compact module design for system integration

APPLICATIONS

5G/6G & Telecommunications:
Millimeter-wave transceiver
validation and beam-forming
algorithm testing

SATCOM: Downconversion of
satellite transponder signals for
ground station receivers

Defense & Radar: Electronic
warfare monitoring and
wideband spectrum surveillance

Research & Development: RF
component characterization and
measurement in laboratory
environments