

Signal Generator up to 40 GHz \u2013 BLX-403



TECHNICAL SPECIFICATIONS

- **Frequency range**
500 MHz to 40 GHz
- **Connectivity**
USB and Ethernet for remote and local operation
- **Spectrum coverage**
Wideband performance across RF and millimeter-wave bands
- **Form factor**
Compact design suitable for bench-top and integrated test systems
- **Output control**
Programmable output characteristics for flexible test scenarios

APPLICATIONS

5G/6G & Telecommunications:
Signal generation for 5G NR and
future 6G component validation

Defense & SATCOM: RF source
for military communications and
satellite payload testing

Component Characterization:
Device testing including
amplifiers, mixers, and filters
across microwave and mmWave
bands

Radar Development: Frequency
synthesis for automotive and
imaging radar prototypes

Research: Academic and
industrial exploration of high-
frequency phenomena