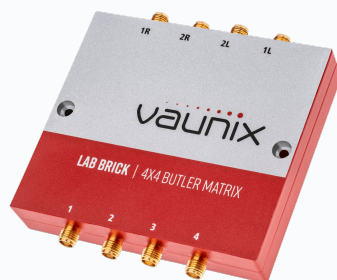


4x4 Butler Matrix up to 7.25 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
2400 – 7250 MHz
- **Insertion Loss**
 ≤ 5 dB (2.4 – 2.5 GHz), ≤ 7 dB (5.15 – 5.85 GHz), ≤ 9 dB (5.925 – 7.125 GHz); typical 8 dB, max 10.5 dB
- **Port Isolation**
 ≥ 15 dB
- **RF Connectors**
SMA female
- **Dimensions**
88.9 × 79 × 16.8 mm
- **Impedance**
50 Ω
- **VSWR**
1.5:1
- **Maximum Input Power**
50 W (peak)
- **Operating Temperature**
-30 °C to +70 °C
- **Weight**
136 g

APPLICATIONS

5G & Wireless: 5G NR transceiver testing, WiFi 6E/7 development, LTE and IoT protocol verification

Phased Arrays: Beamforming characterization and antenna array validation

MIMO Testing: Multi-antenna environment simulation

Defense & Research: Radar systems and electronic warfare applications