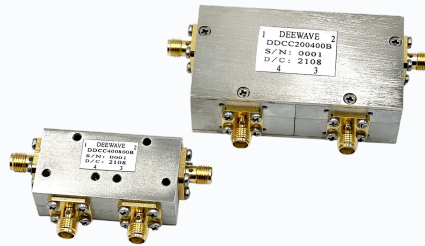


Coaxial Circulators / Isolators up to 40 GHz



TECHNICAL SPECIFICATIONS

- Frequency Range**
 DC to 40 GHz with band-specific configurations
- Isolation**
 15 to 25 dB minimum across operating bandwidth
- Connectors**
 SMA, 2.92mm, and customized interfaces
- Power Handling**
 Standard to high-power variants available
- Insertion Loss**
 Typically 0.3 to 0.8 dB depending on frequency and model
- VSWR**
 <1.5:1 standard performance
- Housing Options**
 Coaxial cartridge, drop-in, surface-mount (SMT) packages
- Operating Temperature**
 -40°C to +85°C

APPLICATIONS

5G/6G Infrastructure: Base station receiver protection and duplex signal separation

Defense & Military Systems: Radar frontends, electronic warfare equipment, and secure communications

SATCOM Networks: Uplink/downlink isolation in satellite transponders and ground terminals

Test & Measurement: Reflection reduction in network analyzer ports and signal conditioning

Point-to-Point Microwave: Frequency-selective isolation in repeater and relay systems

mmWave Antenna Systems: Phased array protection and beamforming network integration