

Coaxial Circulators up to 40 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
Up to 40 GHz
- **Dual Junction Circulators**
Enhanced isolation characteristics for demanding RF environments
- **Drop-In Circulators**
Up to 26.5 GHz with standard mounting interfaces for rapid system integration
- **Insertion Loss**
Typically <0.5 dB across operating bands
- **Connectors**
SMA, N-type, and customer-specific interfaces
- **Single Junction Circulators**
Optimized for narrowband applications with compact form factors and minimal insertion loss
- **Broadband Circulators**
Extended frequency coverage across octave or multi-octave bandwidths
- **SMT Variants**
Miniaturized surface mount designs up to 15 GHz for space-constrained PCB layouts
- **Isolation**
15–25 dB depending on configuration

APPLICATIONS

5G/6G & Telecommunications:
Base station amplifier protection
and infrastructure signal routing

SATCOM: Uplink/downlink
isolation and satellite ground
terminal equipment

Defense & Radar: Electronic
warfare systems and radar
transceiver chains

Test & Measurement: Stable
source-load interaction in
laboratory setups

Amplifier Protection: LNA and
HPA stage isolation in RF
transceivers