

# Drop In Circulators & Isolators up to 40 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
DC to 40 GHz continuous coverage
- **Insertion Loss**  
Low insertion loss across operating bandwidth
- **Isolation**  
High isolation between ports for signal protection
- **VSWR**  
Optimized for impedance matching
- **Packaging**  
Compact drop-in format for direct board integration
- **Customization**  
Custom configurations available for specialized requirements

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## APPLICATIONS

5G/6G & Wireless Infrastructure:  
Base station front-end  
protection and signal isolation

SATCOM: Satellite uplink and  
downlink signal management  
with high reliability

Defense & Radar: Transmit/  
receive isolation in military RF  
systems and phased array  
architectures

Test & Measurement:  
Laboratory instrumentation  
requiring precise signal routing  
and port isolation

mmWave Applications: High-  
frequency signal conditioning  
for emerging commercial and  
industrial systems

Amplifier Protection: LNA and  
HPA safeguarding through  
efficient reverse power isolation