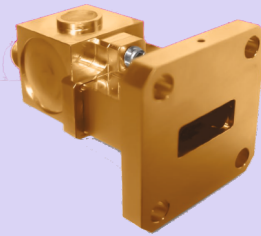


Ferrites & Passive Sub-Assemblies

Products

smiths interconnect
bringing technology to life

TRAK
Microwave Limited



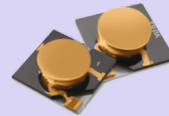
Coaxial

- Wide range of isolators, circulators, loads, terminations, and attenuators
- Designed to operate from 300 MHz to 240 GHz
- Isolators and circulators feature unique solid connectors; available in female and male orientations in SMA, TNC and SMP styles
- Male/female connector barrel machined to be integral with housing
- Optimized for operational power and thermal environments



Microstrip, Surface Mount & Stripline

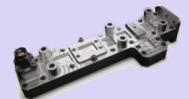
- Isolators and circulators
- Operating in assigned bands from 400 MHz to 31 GHz
- Used in a variety of interfaces including MIC, tabbed and SMD interfaces
- Microstrip offers a unique blend of broad band operation, low mass and low profile
- Surface Mount and Stripline suitable for pick and place and reflow soldering



High performance ferrite components optimized for challenging and harsh environment applications

Waveguide

- Isolators, circulators, combiners, couplers, loads, transitions, terminations, multi-function assemblies
- Breadth of products operating from 1.0 GHz to 240 GHz
- Optimized for operational power and thermal environments
- High power devices based on differential phase shift technology. Low power devices use traditional junction technology; either single or multiple junctions
- If appropriate, devices supplied with cooling/thermal management systems with additional functionality as required



Applications

High Reliability RF/Microwave Subsystems & Components

Integrated microwave subsystems and assemblies, high performance ferrites, and time and frequency systems for defense, commercial aerospace, space, homeland security and public safety applications.

