



## RF & Microwave Filters

Teledyne Defence & Space (TDS) has engineering and manufacturing design capability for a wide range of filter technologies which are suitable for defence, space and security applications. TDS specialise in custom, passive and digital high performance filters with frequency coverage of 10MHz to 40GHz covering all bands from L to Ka.

To find out more about TDS filter technologies, please contact the Sales Team.

### FILTER PRODUCTS

- **Fixed Frequency**
  - Bandpass
  - Lowpass
  - Highpass
  - Band Reject (Notch)
  - Multiplexers
- **Agile Frequency**
  - Switched Filter Banks
  - Switched Multiplexers
  - Fast Tuned Filters
  - Tuneable Filters

### TECHNOLOGIES

- Lumped Element
- Suspended Substrate Stripline (SSS)
- Waveguide
- Cavity / Compline
- Ceramic

### APPLICATIONS

- **Defence (Air Land & Sea)**
  - Electronic Warfare
  - ESM/ ECM
  - Radar
  - Military Communications
- **Space**
  - Geostationary Satellites
  - Low Earth Orbit (LEO) Constellations
    - Datalinks
    - Channelised Transceivers
    - Interference Filters