



Suspended Substrate Stripline (SSS)

Suspended Substrate Stripline (SSS) technology is printed circuit technology that can be used for both broadband and narrowband filters in highpass, lowpass, bandpass, bandstop and multiplexer form.

The versatility of the printed circuit technology enables designs to be used in very complex mechanical configurations and allows easy integration of other components onto the circuit boards.

This technology is also integrated into many of Teledyne Defence & Space's subsystem products such as switched multiplexers, frequency activity detectors and frequency synthesisers.

FEATURES

- 500MHz to 65GHz
- Low Pass Insertion Loss
- Higher Q than Stripline techniques
- Repeatable Designs
- Tight phase and amplitude tracking
- High Reliability
- Temperature stable
- Hermetic Designs
- Compact Solutions

APPLICATIONS

- EW (Electronic Warfare)
- ESM (Electronic Support Measurement)
- ECM (Electronic Counter Measures)
- ELINT (Electronic Intelligence)

See restrictions on published datasheets at www.teledynedefence.co.uk/