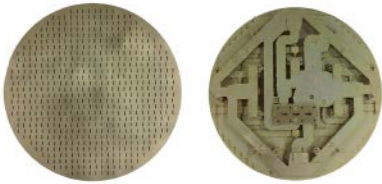




Space Sector Capability

Aerospace | Defence | Space



Slotted Waveguide Antennas



INET/ONET Devices



Cast Waveguide Bends

Space - Microwave Waveguide Antennas, Assemblies, and Components

Sylatech RF/Microwave products are designed into many space programmes globally. Working closely with European space companies, we have delivered RF/Microwave Satellite Components for the SES12 satellite, and INET/ONET devices for the Ku/Ka-band MPAs on the Eutelsat 172B satellite. Our thin wall miter waveguide bends are lightweight and ideal for waveguide assemblies used in LEO satellites. In addition, Sylatech is also a supplier of waveguide slotted array antennas for the PLATiNO satellite.

To discuss how Sylatech's passive microwave waveguide design and manufacturing capabilities can assist your project, contact our experienced team of engineers.

Sylatech's Space Qualified Passive Microwave Waveguide Offering:

- Slotted waveguide antennas with monopulse, dual-polarised, and linear feeds
- Satcomm dual band feeds with dual-polarisations
- Integrated waveguide assemblies
- Space payload waveguide components
- Lightweight, thin-wall cast waveguide bends to 40 GHz.

Rotary Joints

Custom design of waveguide rotary joints from WR137 to WR28.



Power Dividers/Combiners

Multi-port waveguide with minimal amplitude and phase unbalance.

