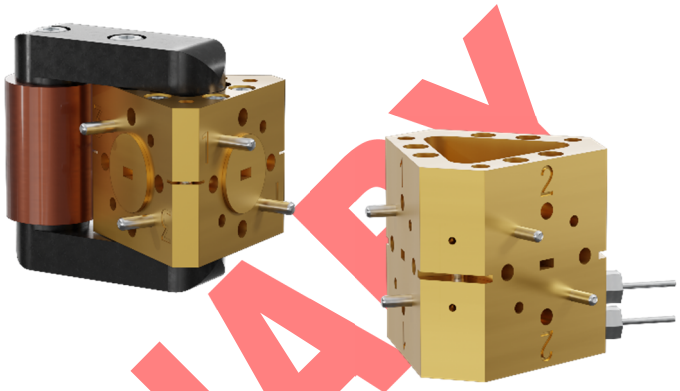
Microwave Components

W-band Switches for Space & Terrestrial Use

Features

- Low loss
- Medium power
- Waveguide interface
- Customizable
- ITAR-free, fully European



Typical applications

- Space
- Radar
- Telecom
- Research & Science

Description

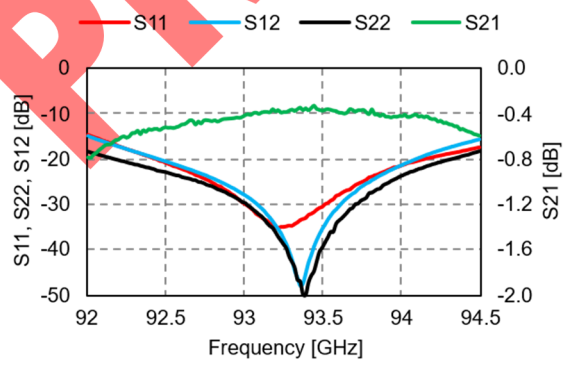
These waveguide Y-junction ferrite switches exhibit very low losses and tolerate medium peak and average power, also in space and other vacuum conditions. They are an excellent choice for many waveguide systems, operating in space or terrestrial conditions.

The switches can be customized to meet special needs, such as cryogenic operation, non-standard interfaces or geometries, wide operating temperature ranges or wider bandwidths.

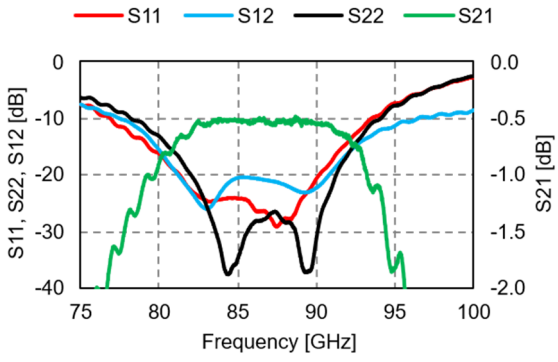
Specifications*		
Switch type	ILF	ELF
Frequency band	70 – 100 GHz	
Insertion loss, dB	< 0.6	
Bandwidth, %	1	6
Peak power, W	10	
Average power, W	10	
Port return loss, dB	> 20	
Port isolation, dB	> 20	
Switching speed	< 2 us	< 2 ms
Interface	WR10 / WR12	

*Typical

Typical performance, ILF



Typical performance, ELF



PRELIMINARY

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