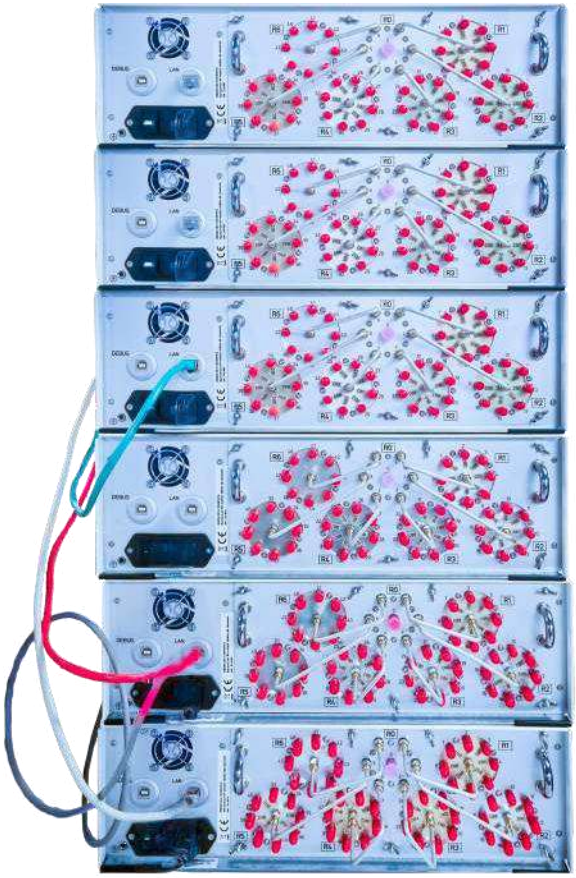
Multi-channel Switch Matrix Platform

Technical Overviews

The AMCAD Multi-channel Switch Matrix platform comprises all the components required to route RF signals. It allows AMCAD to customize RF switch matrixes using a variety of relays and control systems. The platform's enables us to handle RF sectors including space, military and Quantum computing.



- Up to 16/32 relays in a 3U chassis
- Adapt a wide range of relays
- Relay indicator management
- Direct access to switch command
- Embeds other RF elements in the box
- SCPI Command
- Touch screen
- Web server
- USB and Ethernet

RMSW202-48C15G DC to 18GHz 48 high power channels

The RMSW202-48C15G rugged design makes it perfect for Automated Test Equipment for testing space antenna. Built-in safety feature includes checking of the actual position using indicators.

- DC to 18GHz
- Isolation min 70dB
- Power min 50W
- 2 Millions cycles
- Multi configuration available :1SP48T, 6SPT8T, 2SP16T
- Indicators monitoring
- Relays at the rear for easy maintenance*
- Main power line : 85-264VAC
- SCPI, Web server, Touch screen

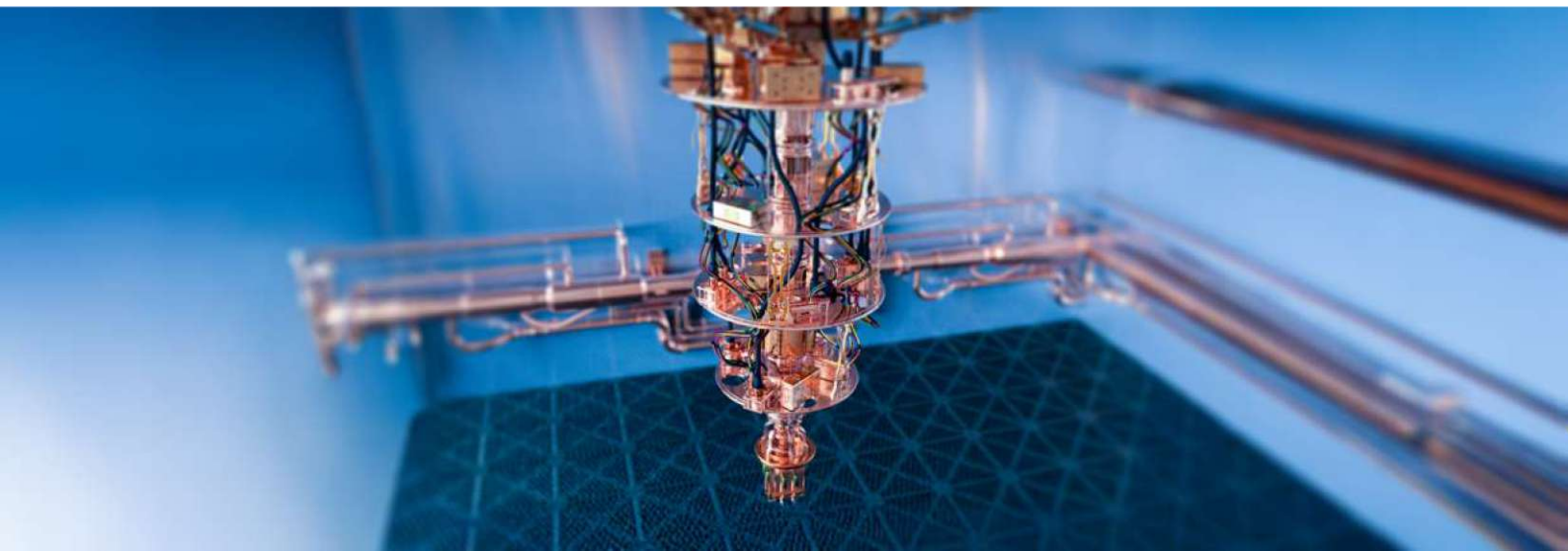
*Option relays outside the box

RMM200 – Modular RF Matrix System

Configurable multi-slot RF platform

The RMM200 is a modular 3U/6U rack-mount system designed to combine different RF switching or processing functions in a single chassis. It allows the creation of custom matrix configurations for automated test environments.

- Modular 3U (4 slots) or 6U (8 slots) chassis
- Supports electro-mechanical and solid-state switches up to 40 GHz
- Compatible with X-Microwave RF blocks
- Ethernet and USBTMC control, SCPI compliant
- Integrated controller with web interface
- Optional internal power supply module
- Custom RF chain integration



RMSW302-32C18G 32 SPDT switches in 3U

The RMSW302-32C18G integrates up to 32 SPDT solid state switches in a 3U chassis.

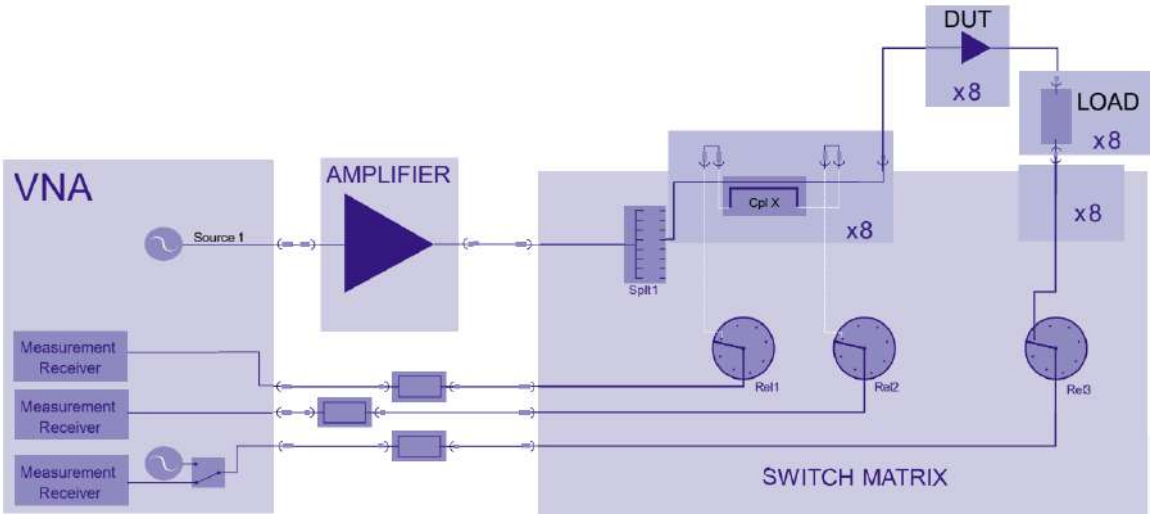
- 0.1GHz to 18GHz*
- 32 SPDT solid state switches
- Ultra fast switching
- Direct rear access to switch control
- 12V DC input
- Easy Custom design for specific needs

**Available from 0.1GHz to 26.5GHz*

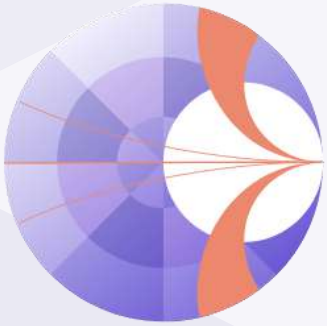
RMSW201-8C26G - 8 channels ATE measurement unit

The RMSW201-8C26G is intended to test multi-channel device in a VNA based Automated Test Equipment

- 2GHz to 26.5GHz
- Electro-mechanical switches
- Splitter inside
- 8 channels
- USBTMC control for switching between channels
- 24V DC input



CONTACT US



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