

40GHZ 6X6 BLOCKING MATRIX SWITCH

6x6 Coaxial Relay Switch Matrix for 40 GHz RF Systems

Product Description

The 6x6 Coaxial Relay Switch supports 5G R&D project needs in remote-controlled over the air (OTA) and RF tests. The tests include automated software regression testing, transmitter and receiver testing.

Hardware

- 12 pcs of SP6T Coaxial relays
- Modular: Configuration can be customized
- Interfaces:
 - RF connections 12 pcs 2.92mm
 - Control interfaces GPIB, LAN

Software interface

- SCPI 1999 standard



Performance Specifications

SSU frequency range: DC - 40 GHz

Power rating

- 5 W CW at 40 GHz (cold switching)
- 10 W CW at 26.5 GHz (cold switching)
- Hot switching 1 W CW max.

Isolation

- Input to input: 60 dB min.
- Output to output: 60 dB min.

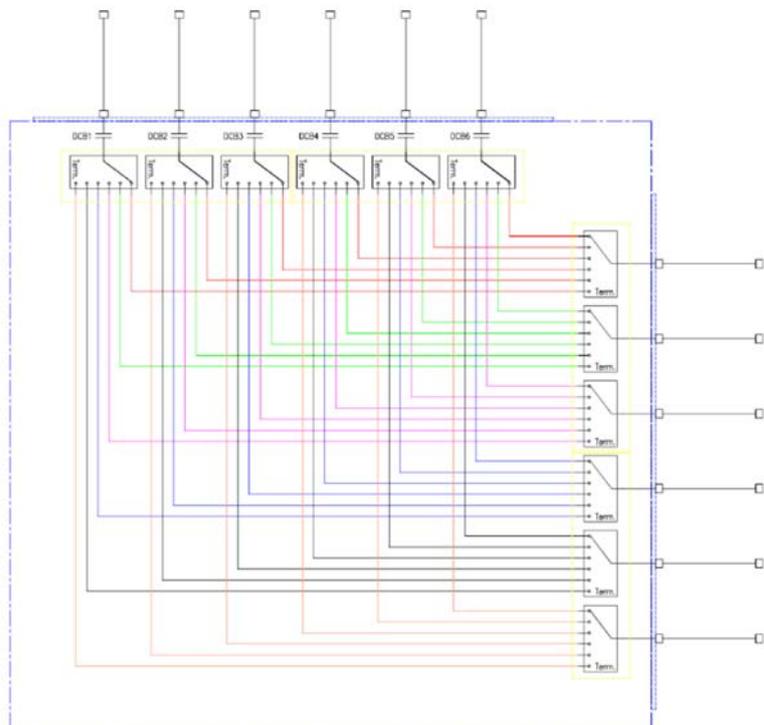
VSWR: M 2.2 @ 40 GHz

Insertion loss

- From input to output:
- <10dB @ 40 GHz

Delay between RF routes: $\leq \pm 0.5$ ns

DC tolerance: To "DUT" ports: 75 V max



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We will help you deliver on your 5G commitments.

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