

# SP9T Coaxial Switch for Thermal Vacuum Chamber Testing

## Description

Ducommun offer's our model N9-449C49FRV, a SP9T RF coaxial switch, for vacuum applications, covering the range of 400 MHz to 8000 MHz with 10 watts CW of power handling capability. It operates from 21.0 Vdc to 31.0 Vdc at extreme temperatures of -30°C to +71°C. The switch is latching type with set/reset functions and equipped with telemetry circuitry.

## Features

- Multiple output RF transmission lines
- Low insertion loss
- High isolation

## Specifications

Frequency:	400 MHz to 8000 MHz
Insertion loss:	0.25 dB Maximum
VSWR:	1.40:1 Maximum
Isolation:	80 dB Minimum
Switching time:	20 milliseconds Maximum
Switching current:	150 milliampere at 28 Vdc at +20°C

## Applications

- Satellite testing systems

