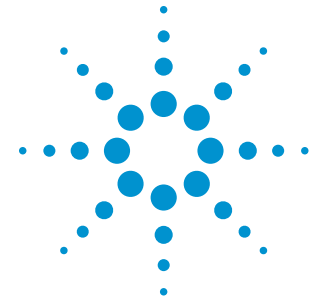


Agilent Economical Electromechanical SPDT Switches

Agilent's economical SPDT switches offer 50 μ and 75 μ high-performance capability at a fraction of the cost.

Agilent SPDT switches provide the performance you need from DC to 26.5 GHz.



Superior performance with guaranteed specifications to 26.5 GHz

Superior RF Performance

Isolation:

- > 90 dB to 18 GHz
- > 50 dB to 26.5 GHz

Insertion loss:

- < 0.25 dB to 2 GHz
- < 0.5 dB to 18 GHz
- < 1.25 dB to 26.5 GHz

Broad frequency range:

DC to 4, 18, and 26.5 GHz



Agilent 8762A/B/C/F

Features

- Current interrupts
- Position indication capability



Agilent Economical Electromechanical SPDT Switches

Product specifications

Model	Frequency (GHz)	Termination	Average power (W)	Peak power (W)	Isolation	Insertion loss	SWR	Speed	Life cycle	Driving voltage (Vdc)	RF connectors
8762A	DC to 4	Terminated	1 W	100 W	90 dB	0.25 dB	1.2	30 ms	1 million	5, 15, 24	SMA (f)
8762B	DC to 18	Terminated	1 W	100 W	90 dB	0.25 dB	1.3	30 ms	1 million	5, 15, 24	SMA (f)
8762C	DC to 26.5	Terminated	1 W	100 W	50 dB	1.25 dB	1.8	30 ms	1 million	5, 15, 24	3.5 mm
8762F ¹	DC to 4	Terminated	1 W	100 W	90 dB	0.40 dB	1.3	30 ms	1 million	24	mini SMB (m)

1. 75 μ impedance

Agilent economical SPDT option

Models	Option type	Option	Option description
8762A/ 8762B/ 8762C	Coil voltage	024	24 Vdc
		T24	TTL/5V CMOS compatible logic with 24 Vdc supply
		011	5 Vdc
		015	15 Vdc
8762F	Coil voltage	T15	TTL/5V CMOS compatible logic with 15 Vdc supply
		024	24 Vdc
		011	5 Vdc
		015	15 Vdc

For more details on the Agilent EM switches and ordering information see the “*Agilent RF and Microwave Switch Selection Guide*”, literature number 5989-6031EN

For more information on Agilent switches, please visit www.agilent.com/find/switches

Download or order from www.agilent.com/find/mta

To find a distributor in your area, go to www.agilent.com/find/distributors

Recommended service options

Additional two years of Return-to-Agilent warranty
 Additional two years of Return-to-Agilent calibrations
 For more information, go to www.agilent.com/find/removealldoubt

