Quick Fact Sheet

Agilent High Performance Electromechanical Transfer Switches

Agilent's electromechanical transfer switches provide reliable switching in signal routing, switch matrices and ATE systems. With 0.03 dB insertion loss repeatability guaranteed up to 5 million cycles and exceptional isolation, Agilent transfer switches provide the performance you need from DC to 50 GHz.

Agilent 87222C/D/E

Superior performance with guaranteed specifications to 50 GHz

- **Guaranteed performance**
  < 0.03 dB insertion loss repeatability guaranteed for 5 million cycles
- **Long operating life**
  5 million cycles
- **Low SWR**
  Minimize measurement uncertainty
- **Unique design**
  Wiping action mechanism eliminates particle buildup to ensure reliable switching
- **Broad frequency range**
  DC to 26.5, 40, and 50 GHz

Quick Fact Sheet

Agilent High Performance Electromechanical Transfer Switches

Product specifications

Model	Frequency (GHz)	Termination	Average power	Peak power	Isolation	Insertion loss	SWR	Speed	Life cycle	Driving voltage	RF connectors
87222C	DC to 26.5	Unterminated	1 W	50 W	40 dB	0.9 dB	1.65	15 ms	5 million	24 Vdc	SMA (f)
87222D	DC to 40	Unterminated	1 W	50 W	60 dB	1.2 dB	1.7	15 ms	5 million	24 Vdc	2.92 mm (f)
87222E	DC to 50	Unterminated	1 W	50 W	60 dB	1.15 dB	1.7	15 ms	5 million	24 Vdc	2.4 mm (f)

Agilent transfer switch option

Model	Option type	Option	Option description
87222C/ 87222D/ 87222E	DC connectors	161	10-PIN DIP
		100	Soler terminals and 10-PIN DIP
	Accessories	201	Mounting brackets; assembly required

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**

Technical data, availability, and pricing subject to change without notice.
© Agilent Technologies, Inc. 2012, Printed in USA, June 7, 2012
5990-4453EN

Agilent Technologies