

## High performance

| Model | Frequency (GHz) | Termination | Average power (W) | Peak power (W) | Isolation <br> (dB) | Insertion loss (dB) | SWR | Speed (ms) | Life cycle (million) | Driving voltage (Vdc) | RF connectors |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SP3T |  |  |  |  |  |  |  |  |  |  |  |
| 8766K | DC to 26.5 | Unterminated | 1 | 100 | 60 | 1.5 | 1.8 | 20 | 5 | 5,15,24 | 3.5 mm (f) |
| SP4T |  |  |  |  |  |  |  |  |  |  |  |
| 87104A | DC to 4 | Terminated | 1 | 50 | 100 | 0.36 | 1.2 | 15 | 5 | 24 | SMA (f) |
| 87204A | DC to 4 | Terminated | 1 | 50 | 100 | 0.36 | 1.2 | 15 | 5 | 24 | SMA (f) |
| 87104B | DC to 20 | Terminated | 1 | 50 | 70 | 0.6 | 1.45 | 15 | 5 | 24 | SMA (f) |
| 87204B | DC to 20 | Terminated | 1 | 50 | 70 | 0.6 | 1.45 | 15 | 5 | 24 | SMA (f) |
| 87104 C | DC to 26.5 | Terminated | 1 | 50 | 65 | 0.7 | 1.7 | 15 | 5 | 24 | SMA (f) |
| 87204 C | DC to 26.5 | Terminated | 1 | 50 | 65 | 0.7 | 1.7 | 15 | 5 | 24 | SMA (f) |
| 87104D | DC to 40 | Terminated | 1 | 50 | 65 | 0.7 | 1.95 | 15 | 5 | 24 | 2.92 mm (f) |
| 8767K | DC to 26.5 | Unterminated | 1 | 100 | 60 | 1.5 | 1.8 | 20 | 5 | 5, 15, 24 | $3.5 \mathrm{~mm}(\mathrm{f})$ |
| 8767M | DC to 50 | Unterminated | 1 | 100 | 60 | 2.7 | 2.3 | 20 | 5 | 5, 15, 24 | $2.4 \mathrm{~mm}(\mathrm{f})$ |
| SP5T |  |  |  |  |  |  |  |  |  |  |  |
| 8768K | DC to 26.5 | Unterminated | 1 | 100 | 60 | 1.5 | 1.8 | 20 | 5 | 5, 15, 24 | $3.5 \mathrm{~mm}(\mathrm{f})$ |
| 8768M | DC to 50 | Unterminated | 1 | 100 | 60 | 2.7 | 2.3 | 20 | 5 | 5, 15, 24 | $2.4 \mathrm{~mm}(\mathrm{f})$ |
| SP6T |  |  |  |  |  |  |  |  |  |  |  |
| 87106A | DC to 4 | Terminated | 1 | 50 | 100 | 0.36 | 1.2 | 15 | 5 | 24 | SMA (f) |
| 87206A | DC to 4 | Terminated | 1 | 50 | 100 | 0.36 | 1.2 | 15 | 5 | 24 | SMA (f) |
| 87106B | DC to 20 | Terminated | 1 | 50 | 70 | 0.6 | 1.45 | 15 | 5 | 24 | SMA (f) |
| 87206B | DC to 20 | Terminated | 1 | 50 | 70 | 0.6 | 1.45 | 15 | 5 | 24 | SMA (f) |
| 87106C | DC to 26.5 | Terminated | 1 | 50 | 65 | 0.7 | 1.7 | 15 | 5 | 24 | SMA (f) |
| 87206C | DC to 26.5 | Terminated | 1 | 50 | 65 | 0.7 | 1.7 | 15 | 5 | 24 | SMA (f) |
| 87106D | DC to 40 | Terminated | 1 | 50 | 65 | 0.7 | 1.95 | 15 | 5 | 24 | 2.92 mm (f) |
| 8769K | DC to 26.5 | Unterminated | 1 | 100 | 60 | 1.5 | 2.05 | 20 | 5 | 24 | $3.5 \mathrm{~mm}(\mathrm{f})$ |
| 8769M | DC to 50 | Unterminated | 1 | 100 | 60 | 2.7 | 2.3 | 20 | 5 | 5, 15, 24 | $2.4 \mathrm{~mm}(\mathrm{f} / \mathrm{m})$ |

For more details on Keysight EM Switches and ordering information see the "Keysight RF and Microwave Switch Selection Guide", literature number 5989-6031EN.
For more information on Keysight switches, please visit: www.keysight.com/find/switches
Download or order from www.keysight.com/find/mta
To find a distributor in your area, go to www.keysight.com/find/distributors

High performance multiport switch option

| Model | Option type | Option | Option description |
| :---: | :---: | :---: | :---: |
| 87104A / 87104B / <br> 87104C / 87104D / <br> 87106A / 87106B / <br> 87106C / 87106D | Control logic | T24 | TTL/5V CMOS compatible logic with 24 Vdc supply |
|  |  | 024 | 24 Vdc |
|  | DC <br> connectors | 161 | Ribbon receptacle |
|  |  | 100 | Solder terminals |
| $\begin{aligned} & \hline 8766 K / 8767 K / \\ & 8768 K / 8769 K \end{aligned}$ | Coil voltage | 024 | 24 Vdc |
|  |  | 011 | 5 Vdc |
|  |  | 015 | 15 Vdc |
|  | RF connector | 002 | SMA (f) (Use to 18 GHz only) |
|  |  | 004 | 3.5 mm (f) |
|  | DC <br> connectors | 060 | 5 feet DC control cable; 12-pin viking |
|  |  | 016 | 16-inch ribbon cable extension |

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