## 50 Ohm economically priced EM switches

| Family | Model | Frequency | Termination | Isolation (dB) | Insertion loss (dB) | SWR | Speed | Average power | Peak power | Life cycle | Connector | Driving voltage (VDC) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SPDT |  |  |  |  |  |  |  |  |  |  |  |  |
| SPDT | 8762A | DC to 4 GHz | Terminated | 90 | 0.25 | 1.2 | 30 ms | 1 W | 100 W | 1 million | SMA (f) | 5, 15, 24 |
| SPDT | 8762B | DC to 18 GHz | Terminated | 90 | 0.5 | 1.3 | 30 ms | 1 W | 100 W | 1 million | SMA (f) | 5, 15, 24 |
| SPDT | 8762C | DC to 26.5 GHz | Terminated | 50 | 1.25 | 1.8 | 30 ms | 1 W | 100 W | 1 million | 3.5 mm (f) | 5, 15, 24 |
| SPDT | 8765A | DC to 4 GHz | Unterminated | 100 | 0.3 | 1.7 | 15 ms | 2 W | 100 W | 5 million | SMA (f) | 5, 10, 15, 24 |
| SPDT | 8765B | DC to 20 GHz | Unterminated | 65 | 0.7 | 1.7 | 15 ms | 2 W | 100 W | 5 million | SMA (f) | 5, 15, 24 |
| SPDT | 8765C | DC to 26.5 GHz | Unterminated | 50 | 0.3 | 1.7 | 15 ms | 2 W | 100 W | 5 million | 3.5 mm (f) | 5, 10, 15, 24 |
| SPDT | 8765D | DC to 40 GHz | Unterminated | 50 | 1.12 | 1.5 | 15 ms | 2 W | 100 W | 5 million | 2.4 mm (f) | 5, 10, 15, 24 |
| Multiport |  |  |  |  |  |  |  |  |  |  |  |  |
| 4-port | L7104A | DC to 4 GHz | Terminated | 90 | 0.36 | 1.2 | 15 ms | 1 W | 50 W | 2 million | SMA (f) | 24 |
| 4-port | L7204A | DC to 4 GHz | Unterminated | 90 | 0.36 | 1.2 | 15 ms | 2 W | 100 W | 2 million | SMA (f) | 24 |
| 4-port | L7104B | DC to 20 GHz | Terminated | 90 | 0.6 | 1.45 | 15 ms | 1 W | 50 W | 2 million | SMA (f) | 24 |
| 4-port | L7204B | DC to 20 GHz | Unterminated | 90 | 0.6 | 1.45 | 15 ms | 2 W | 100 W | 2 million | SMA (f) | 24 |
| 4-port | L7104C | DC to 26.5 GHz | Terminated | 60 | 0.7 | 1.7 | 15 ms | 1 W | 50 W | 2 million | SMA (f) | 24 |
| 4-port | L7204C | DC to 26.5 GHz | Unterminated | 60 | 0.7 | 1.7 | 15 ms | 2 W | 100 W | 2 million | SMA (f) | 24 |
| 6-port | L7106A | DC to 4 GHz | Terminated | 90 | 0.36 | 1.2 | 15 ms | 1 W | 50 W | 2 million | SMA (f) | 24 |
| 6 -port | L7206A | DC to 4 GHz | Unterminated | 90 | 0.36 | 1.2 | 15 ms | 2 W | 100 W | 2 million | SMA (f) | 24 |
| 6 -port | L7106B | DC to 20 GHz | Terminated | 90 | 0.6 | 1.45 | 15 ms | 1 W | 50 W | 2 million | SMA (f) | 24 |
| 6 -port | L7206B | DC to 20 GHz | Unterminated | 90 | 0.6 | 1.45 | 15 ms | 2 W | 100 W | 2 million | SMA (f) | 24 |
| 6-port | L7106C | DC to 26.5 GHz | Terminated | 60 | 0.7 | 1.7 | 15 ms | 1 W | 50 W | 2 million | SMA (f) | 24 |
| 6 -port | L7206C | DC to 26.5 GHz | Unterminated | 60 | 0.7 | 1.7 | 15 ms | 2 W | 100 W | 2 million | SMA (f) | 24 |
| Transfer |  |  |  |  |  |  |  |  |  |  |  |  |
| Transfer | L7222C | DC to 26.5 GHz | Unterminated | 57 | 0.9 | 1.65 | 15 ms | 1 W | 50 W | 2 million | SMA (f) | 24 |
| Bypass |  |  |  |  |  |  |  |  |  |  |  |  |
| 4-ports | 8763A | DC to 4 GHz | Terminated | 100 | 0.25 | 1.2 | 30 ms | 1 W | 100 W | 1 million | SMA (f) | 5, 15, 24 |
| 4-ports | 8763B | DC to 18 GHz | Terminated | 90 | 1.3 | 1.3 | 30 ms | 1 W | 100 W | 1 million | SMA (f) | 5, 15, 24 |
| 4-ports | 8763C | DC to 26.5 GHz | Terminated | 50 | 1.8 | 1.8 | 30 ms | 1 W | 100 W | 1 million | 3.5 mm (f) | 5, 15, 24 |
| 5-ports | 8764A | DC to 4 GHz | Unterminated | 100 | 0.25 | 1.2 | 30 ms | 2 W | 100 W | 1 million | SMA (f) | 5, 15, 24 |
| 5-ports | 8764B | DC to 18 GHz | Unterminated | 90 | 0.5 | 1.3 | 30 ms | 2 W | 100 W | 1 million | SMA (f) | 5, 15, 24 |
| 5-ports | 8764C | DC to 26.5 GHz | Unterminated | 50 | 1.25 | 1.8 | 30 ms | 2 W | 100 W | 1 million | 3.5 mm (f) | 5, 15, 24 |


| 50 Ohm high power hot switching |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Family | Model | Frequency | Termination | Isolation | Insertion | SWR | Speed | Average | Peak | Life cycle | Connector | Driving |
| SPDT |  |  | Ter | dB) | loss (dB) | , | Spe | power | power | Life | Connector | tage (VDC) |
| SPDT | 8761A | DC to 18 GHz | Unterminated | 45 | 0.8 | 1.3 | 50 ms | 10 W | 5 kW | 1 million | SMA (f) | 12 |
| SPDT | 8761B | DC to 18 GHz | Unterminated | 45 | 0.8 | 1.2 | 50 ms | 10 W | 5 kW | 1 million | SMA (f) | 26 |
| $750 h m$ switch |  |  |  |  |  |  |  |  |  |  |  |  |
| Family | Model | Frequency | Termination | Isolation (dB) | Insertion loss (dB) | SWR | Speed | Average power | Peak power | Life cycle | Connector | Driving voltage (VDC) |
| SPDT |  |  |  |  |  |  |  |  |  |  |  |  |
| SPDT | 8762F | DC to 4 GHz | Terminated | 90 | 0.4 | 1.3 | 30 ms | 2 W | 100 W | 1 million | Mini SMB (m) | 24 |
| SPDT | 8765F | DC to 4 GHz | Unterminated | 90 | 0.4 | 1.2 | 15 ms | 2 W | 100 W | 5 million | Mini SMB (m) | 5, 10, 15, 24 |

