



## 6~18GHz switch matrix



### ➤ Product features.

6GHz~18GHz switch matrix is the four groups of RF signals of the line are divided, amplified, opened Off selection to achieve 2 groups of 4×4 full exchange and output Channel selection and other functions.

4×4 full switching; high isolation; good amplitude-phase consistency; high out-of-band rejection.

### ➤ Main indicator parameters

Parameter name	Typical value
Model	HMKN01-1717041
Frequency	6GHz~18GHz
Gain	3±2.5dB
Noise figure	≤9.5dB
Amplitude consistency	≤±2dB
Port VSWR	≤2.5: 1
channel-to-channel isolation	≥48 dB (between different power dividers); ≥20dB (between same power dividers)
Enter the P-1 compression point	≥-11dBm
Spurious suppression	≥60dBc
Power supply	+9V: ≤700mA; -5V:≤40mA
Product size	134mm×90mm×18mm
Operating temperature	-55℃~+85℃