



MM200MHz~2000MHz switch matrix



➤ Product features

200MHz~2000MHz switch matrix is the two groups of radio frequency signals from the antenna are divided, amplified, Switch selection and filtering to achieve 2×2 full switching power function and output channel selection.

2×2 full switching, six frequency band output options; high isolation; good amplitude and phase consistency; high out-of-band rejection.

➤ Main Indicator Parameters

Parameter name	Typical value
Model	HMKN01-1716040
Frequency	200MHz~2000MHz
Gain	1±1.5dB(800MHz~2000MHz)
Noise figure	≤8.5dB
Amplitude consistency	≤±1dB
Port VSWR	≤2:1
Switch switching time	≤450nS
Output P-1 compression point	≥1dBm
Power consumption	≤5W
channel-to-channel isolation	≥48 dB (Between different points) ≥20dB (Between the same power divider)
Enter the P-1 compression point	≥-11dBm
Spurious suppression	≥60dBc
Power supply	+9V: ≤700mA; -5V:≤40mA
Product size	155mm×14.6mm×3.2mm
Operating temperature	-55℃~+85℃