



5424

Maximum MBQS-24, 6° Monoblock Quatro Switch

PRODUCT VISUAL



PRODUCT DESCRIPTION

Monoblock Quatro Switch, 2 positions, 4 users.

FEATURES

TECHNICAL SPECIFICATIONS

Input frequency range

Low band: 10.7 ~ 11.7 GHz

High band: 11.7 ~ 12.75 GHz

Output frequency range

Low band: 950 ~ 1950 MHz

High band: 1100 ~ 2150 MHz

L.O. Frequency

Low band: 9.75 GHz

High band: 10.6 GHz

L.O. Frequency stability

25° C: ± 1 MHz

-30° ~ 60° C: ± 3 MHz

L.O. Phase noise

1 KHz Offset: -60 dBc/Hz

10 KHz Offset: -80 dBc/Hz

100 KHz Offset: -100 dBc/Hz

Noise figure

Typ.: 0.2 dB

Input reflector type

Offset

Cross pol. isolation

Min.: 20 dB

Typ.: 28 dB

F/D Ratio

0.6

Conversion gain

Min.: 50 dB

Max.: 62 dB

Gain flatness

± 0.5 dB / 27 MHz

Output power

Min.: 0 dBm (at 1 dB Gain compression point)

Harmonic Distortion On InBand

Max.: -58 dBm

Output return loss

7.5 dB

Output connector

75 Ω F Type (Female)

D.C. Current consumption

Max.: 300 mA

Typ.: 250 mA

D.C. Supply voltage

11.5 ~ 19 V

Operating temperature

-30° ~ 60° C