

THE MICRO PHASE COMMUNICATION MP-9060 C-BAND BLOCK DOWNCONVERTER SPECIFICATIONS

Input Characteristics

Input Frequency Range 950 - 1750MHz
Input VSWR (50 ohms) 1.5:1

Output Characteristics

Output Frequency Range 5850 to 6650MHz
Output VSWR (50 ohms) 1.5:1

Transfer Characteristics

Conversion Gain 6dB
Gain Flatness ± 0.75 dB (5850 to 6650MHz)
Amplitude Ripple 0.6dB p-p (per 36 MHz)
3rd Order Intercept (Output) +20dBm
Output 1dB Compression +10dBm

Spurious:

Carrier Dependent -60dBc
Carrier Independent -70dBm

Group Delay:

Linear 0.06ns/MHz
Image Rejection -75dBc (out of band)

LO Characteristics

Frequency 4900MHz
Leakage at Output -58dBm

Phase Noise (SSB)

1 kHz 100dBc
10kHz 105dBc
100kHz 105dBc

External Reference

Frequency 10MHz (standard)
5MHz (optional)

General

Size 1.45 x 1.45 x 10.0
Inches
Power Consumption 5W max
Voltage +5V, $\pm 15V_0$
Temperature -40 to +60 C