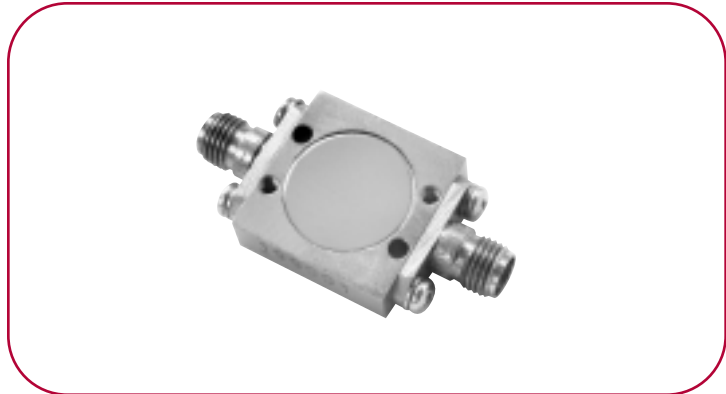


PASSIVE FREQUENCY DOUBLERS (CONT.)

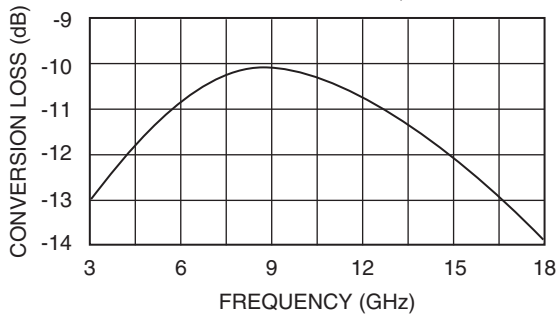
MODEL: MX2M030180-2C

ELECTRICAL SPECIFICATIONS

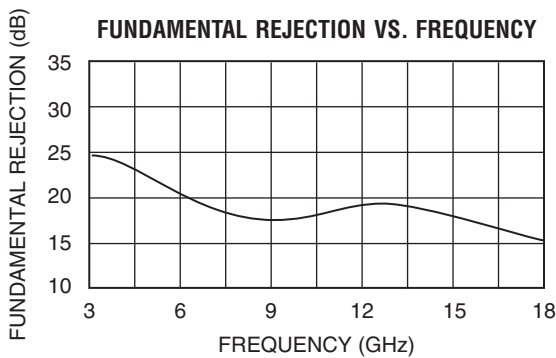
Input frequency range	1.5 – 9 GHz minimum
Output frequency range	3 – 18 GHz minimum
Input power range	8 – 12 dBm nominal
Conversion loss	12 dB typical 15 dB maximum
Optional input power	
MX2J030180-2C	3–8 dBm
MX2H030180-2C	12–16 dBm
MX2V030180-2C	16–20 dBm
Harmonic rejection	
Fundamental	15 dB typical
Odd harmonic	20 dB typical



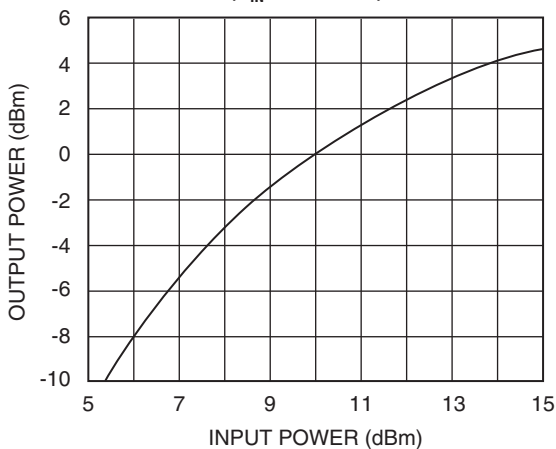
CONVERSION LOSS VS. FREQUENCY



FUNDAMENTAL REJECTION VS. FREQUENCY

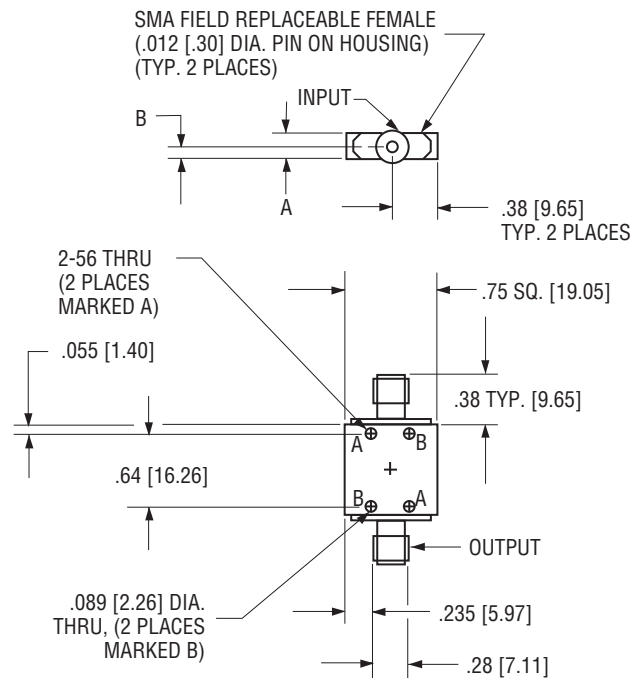


OUTPUT POWER VS. INPUT POWER ($P_{IN} = +10$ dBm)



OUTLINE DRAWING

MX2C



OUTLINE DASH NO.

DIM A

DIM B

-1

.226 [5.74]

.121 [3.07]

NOTE:

1. All dimensions shown in brackets [] are in millimeters.