

PASSIVE FREQUENCY DOUBLERS (CONT.)

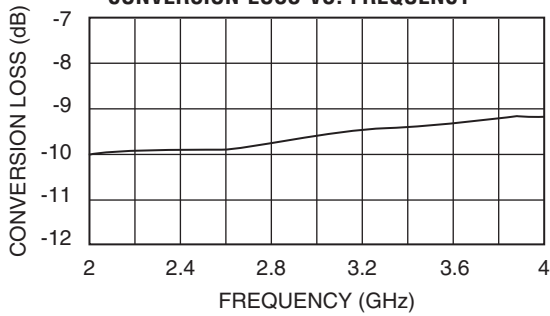
MODEL: MX2M020040

ELECTRICAL SPECIFICATIONS

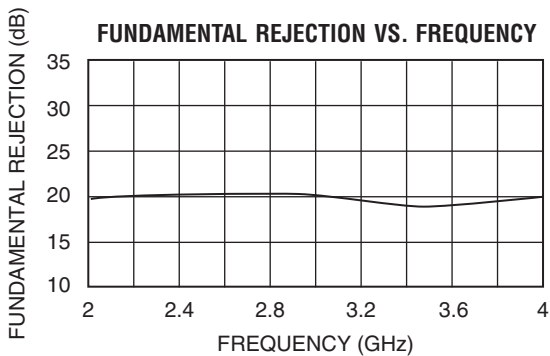
Input frequency range	1 – 2 GHz minimum
Output frequency range	2 – 4 GHz minimum
Input power range	8 – 12 dBm nominal
Conversion loss	9.5 dB typical 13 dB maximum
Optional input power	
MX2J020040	3–8 dBm
MX2H020040	12–16 dBm
MX2V020040	16–20 dBm
Harmonic rejection	
Fundamental	20 dB typical
Odd harmonic	20 dB typical



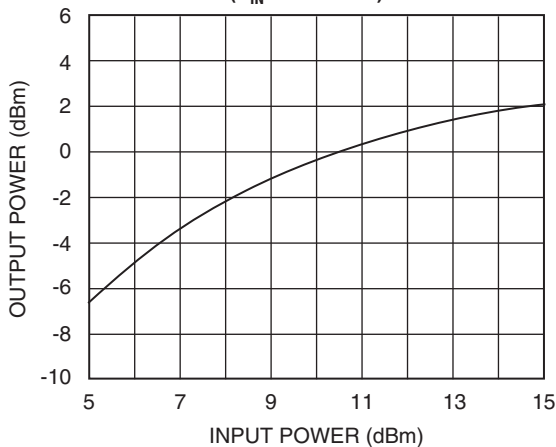
CONVERSION LOSS VS. FREQUENCY



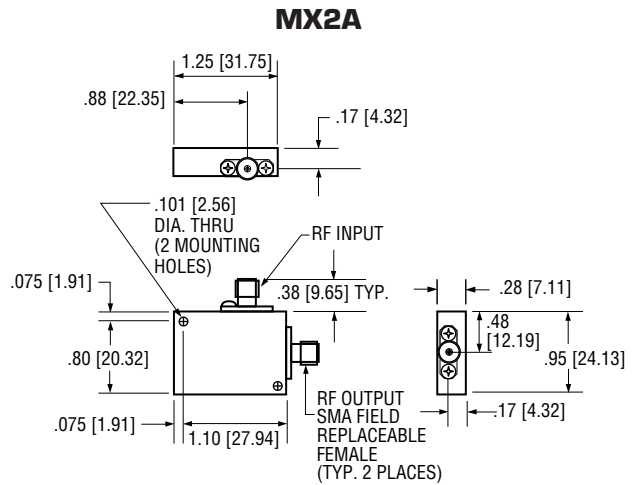
FUNDAMENTAL REJECTION VS. FREQUENCY



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



OUTLINE DRAWING



NOTE:

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