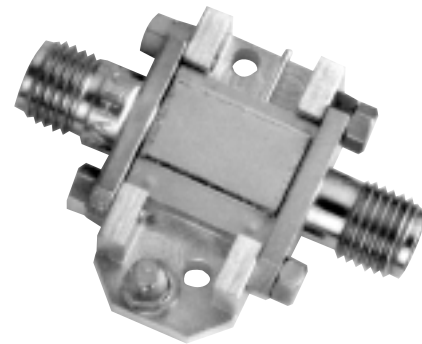


PASSIVE FREQUENCY DOUBLERS

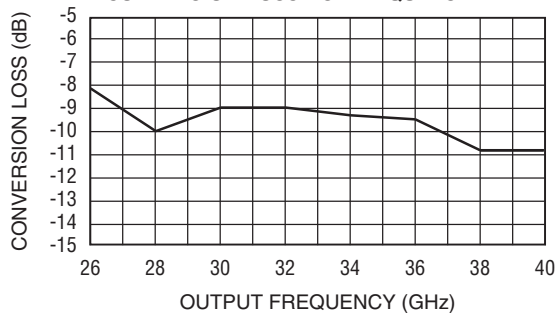
MODEL: MX2M260400

ELECTRICAL SPECIFICATIONS

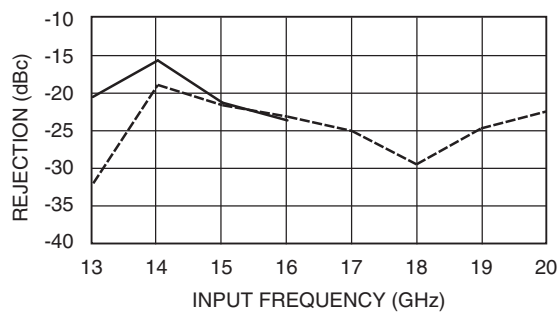
Input frequency range	13 – 20 GHz
Output frequency range	26 – 40 GHz
Input power range	8 – 12 dBm nominal
Conversion loss	10 dB typical 13 dB maximum
Harmonic rejection	
Fundamental	15 dB typical
Odd harmonic	15 dB typical



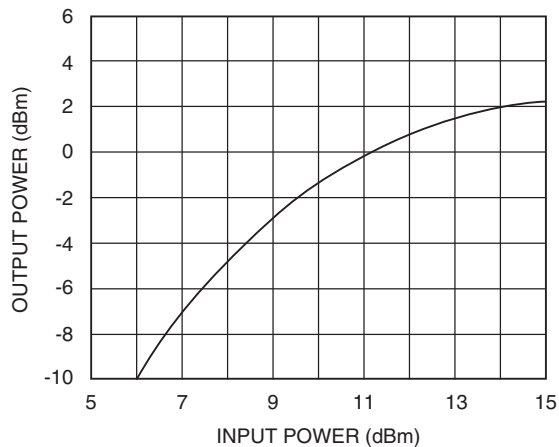
CONVERSION LOSS VS. FREQUENCY



FUNDAMENTAL HARMONIC REJECTION VS. FREQUENCY

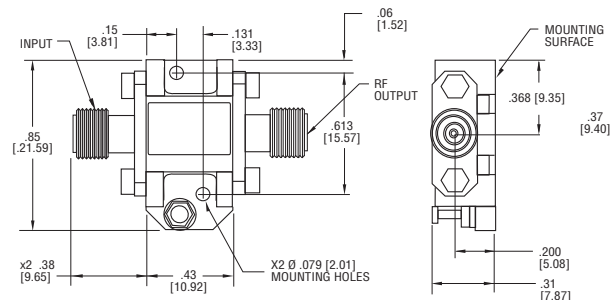


OUTPUT POWER VS. INPUT POWER ($P_{IN} = +10$ dBm)



OUTLINE DRAWING

MXF



NOTES:

- Optional SMA, K type male connectors in input, K or V type male connectors in output.
- All dimensions shown in brackets [] are in millimeters.