



MU-DEL ELECTRONICS, INC.

Mu-Del IF To Tape Converters MDC-7-X Series – Typical Specification

- Input Frequency 70.0 MHz
- Gain 15 dB typical
- Noise Figure 8 dB maximum
- IF Output Frequency 4, 8 or 12.5 MHz
- Bandwidth (input/output) ± 3 MHz, ± 6 MHz or ± 10 MHz
- Conversion Type Fixed Tuned
- Reference 10 MHz, Internal or External
- Impedance (input, output) 50 ohms
- VSWR (Input / Output) 1.5:1 maximum
- Image Rejection 35 dB typical
- Spurious Response -35 dBc typical
- Inputs 1 or user defined
- Outputs 1 or user defined
- Test Points User defined
- Connectors N-f, BNC-f or user defined
- Power Requirements 90-260 VAC, 47-440 Hz
- Dimensions 1.75" H x 19" W x 11" D
- Operating Temperature 0 to +50° C
- Storage Temperature -20 to +65° C
- Humidity 10 to 90%, non-condensing

Following are some of the more popular options:

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|---------------------------|---------------------------------|---------------------|
| Different Frequency Range | Variable Gain Controls | Rack Slides |
| Improved Noise Figure | Extended Temperature Range | Higher / Lower Gain |
| Higher Output Power | Up / Down In Single Package | PCI Form Factor |
| | Multi-Channel In Single Package | |

Please consult factory for Ordering Information and to discuss options to modify any of the above specifications.

