



MU-DEL ELECTRONICS, INC.

Mu-Del IF To Base Band Converter MDC-7-50K/17 – Typical Specification

- Input Frequency 70 MHz
- AGC Gain 75 dB minimum
- Gain Control Adjustment 30 dB minimum
- Noise Figure 4.0 dB maximum
- Base Band Frequency 50 KHz
- Output Level @ 1 dB compression +16 dBm
- Conversion Type Fixed Tuned
- Reference 10 MHz, Internal or External
- Impedance (input, output) 50 ohms
- VSWR (Input / Output) 2.0:1 maximum
- Image Rejection 60 dB typical
- Spurious Response -60 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:

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.

