



MU-DEL ELECTRONICS

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.

