



# MU-DEL ELECTRONICS

## 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)	$\pm 3$ MHz, $\pm 6$ MHz or $\pm 10$ 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:

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.**

