



# MU-DEL ELECTRONICS, INC.

## Mu-Del Fixed Tuned Down Converters MDC-Communication Series

- Frequency Range 1.5 – 14.5 GHz
- Gain 30 dB typical
- Noise Figure 10 dB maximum
- IF Output Frequency 70 MHz, 140 MHz optional
- Bandwidth (input/output)  $\pm 20$  MHz or  $\pm 40$  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 80 dB typical
- Spurious Response -65 dB typical
- Inputs 1 or user defined
- Outputs 1 or user defined
- Test Points User defined
- Connector Type SMA-f or user defined
- Power Requirements 90-260 VAC, 47-440 Hz
- Dimensions 1.75" or 3.5" H x 19" W x 17" D
- Operation 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  
Improved Noise Figure

Variable Gain Controls  
Extended Temperature Range  
Hub Mount

Rack Slides  
Higher / Lower Gain

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

