



# MU-DEL ELECTRONICS, INC.

## Mu-Del X-Band Block Down Converter MDC-8085 Series

- Input Frequency 8000 to 8500 MHz
- Gain 20 dB, typical
- Noise Figure 10 dB maximum
- IF Output Frequency 1700 to 2200 MHz
- Conversion Type Fixed tuned
- Reference 10 MHz internal and/or external
- Impedance (input, output) 50 ohms
- VSWR (Input / Output) 1.5:1 maximum
- Image Rejection 60 dB minimum
- Spurious Response -60 dBc minimum
- RF Inputs 1 or user defined
- RF Outputs 1 or user defined
- Test Points User defined
- Connector Type SMA-female or user defined
- Power 90-260 VAC, 47-440 Hz
- Dimensions 1.75" or 3.5" H x 19" W x 17" 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:

Extended Frequency Range      Variable Gain Controls      Rack Slides  
Improved Noise Figure      Extended Temperature Range      Higher / Lower Gain

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

