



## MU-DEL ELECTRONICS, INC.

### **Mu-Del Fixed Tuned S-Band Down Converters MDC-1522-2FS-7 Typical Specifications**

- Selectable Frequency Range 1544.5 or 2226.472 MHz
- Gain 45 dB, Typical
- Gain Control Adjustment 0 – 20 dB
- Noise Figure 2.0 dB maximum
- IF Output Frequency 70 MHz
- Output Level @ 1 dB Compression +16 dBm minimum
- Bandwidths (input/output) 20 MHz
- Conversion Type Fixed Tune
- Reference 10 MHz external
- Impedance (input, output) 50 ohms
- VSWR (Input / Output) 2.0:1 maximum
- Image Rejection 60 dB minimum
- Spurious response -60 dBc, minimum
- Inputs 1 or user defined
- Outputs 1 or user defined
- Test Points User defined
- Connector Type N-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
- 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

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

