



# MU-DEL ELECTRONICS, INC.

## Mu-Del S-Band Up Converters MUC-72-2125F Series

- Output Frequency Range 2100 to 2500 MHz
- Gain 30 dB
- Noise Figure 16 dB maximum
- Tunability 100 KHz, 10 KHz, 1 KHz, or 1 Hz
- Reference 10 MHz internal or external
- Input Frequency 10, 70, 140, 370 or 720 MHz
- Data Bandwidths 3, 10, 20, 50, 100, 200 or 400 MHz
- VSWR (Input / Output) 1.5:1 maximum
- Impedance (input, output) 50 ohms
- Image Rejection 60 dB minimum
- Spurious Response -60 dBc minimum
- Control Interface Remote RS-232, RS-422, RS-485 or Ethernet
- Control Interface Local Front Panel Keypad
- Control Status Local Vacuum Florescent Displays
- Number of Inputs 1 or user defined
- Number of 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
- 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.**

