



MU-DEL ELECTRONICS

Mu-Del X-Band Down Converter MDC-8085F-7 Series

- Output Frequency 8000 to 8500 MHz
- Tunability 100 KHz, 10 KHz, 1 KHz, or 1 Hz steps
- Gain 20 dB, typical
- Noise Figure 10 dB maximum
- IF Output Frequency 10, 70, 140, 370, 720 or 1200 MHz
- Data Bandwidth 3, 10, 20, 50, 100, 200, 400 or 700 MHz
- Reference Oscillator 10 MHz internal and/or external
- VSWR (Input / Output) 1.5:1 maximum
- Impedance (input, output) 50 ohms
- Image Rejection 60 dB minimum
- Spurious Response -60 dBc minimum
- Control Interface RS-232, RS-422, RS-485 or Ethernet
- Control Interface Local Front Panel Keypad
- Control Status Local Vacuum Florescent Display, Front panel
- 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 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
Improved Noise Figure

Variable Gain Controls
Extended Temperature Range

Rack Slides
Higher / Lower Gain

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

