



MU-DEL ELECTRONICS, INC.

Mu-Del Three Channel Ku-Band Down Converters MDC-134140-1-3CF Series

- Frequency Range 13.4 to 14.0 GHz
- Tunability 100 kHz, 10 kHz, 1kHz or 1 Hz Steps
- Gain 40 dB typical
- Noise Figure 7.0 dB, maximum
- IF Output Frequency 10, 70, 140, 370 or 720 MHz
- IF Data Bandwidths 3, 10, 20, 50, 100, 200 or 400 MHz
- Reference 10 MHz internal or external
- VSWR (Input / Output) 1.5:1, maximum
- Impedance (input, output) 50 ohms
- Image Rejection 60 dB, minimum
- Spurious Response -60 dBc, minimum
- Harmonic Rejection -30 dBc, minimum
- Isolation Channel to Channel 40 dB, minimum
- Control Interface Remote RS-232, RS-422, RS-485 or Ethernet
- Control Status Local Vacuum Florescent Display, front panel
- Inputs 3 or user defined
- Outputs 3 or user defined
- Test Points User defined
- Connector Type N-f, or user defined
- Power Options +15VDC @ 4.2A or 90-260 VAC, 47-440 Hz
- Size 8.75" H x 19" W x 14" 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.

