



MU-DEL ELECTRONICS, INC.

Mu-Del S-Band Up & Down Converter MUDC-20F23F-37

Up Converter

- Input Frequency 370 MHz
- Input Signal Level -22 dBm
- IF Data Bandwidth 24 MHz
- Gain 22 dB
- Output Power, 1 dB Comp. 0 dBm
- Noise Figure 20 dB
- Output Frequency 2.2 to 2.3 GHz
- Input VSWR 1.35:1 max.
- Output VSWR 1.35:1 max.
- Impedance (input, output) 50 ohms
- External Reference 10 MHz
- Image Rejection 45 dB min.
- Spurious Response -40 dBc min.
- Carrier Suppression 55 dB min.
- Power Requirement 90-240 VAC

Down Converter

- Input Frequency 2.025 to 2.118 GHz
- input Signal Level -55 dBm to -115 dBm
- IF Data Bandwidth 50 MHz
- Gain 52 dB without AGC
- Output Power, 1 dB Comp. 0 dBm with AGC
- Noise Figure 15 dB
- Output Frequency 370 MHz
- Input VSWR 1.35:1 max.
- Output VSWR 1.35:1 max.
- Impedance (input, output) 50 ohms
- External Reference 10 MHz
- Image Rejection 30 dB min.
- Spurious Response -40 dBc min.
- Power Requirement 90-240 VAC

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.

