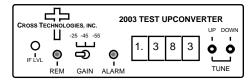


DATA SHEET 5/02/11 Rev D

2003 Upconverter, 950 - 1450 MHz

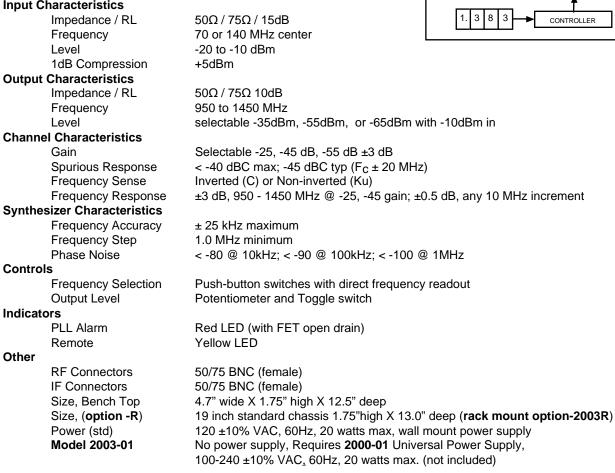
The 2003 takes a 70 or 140 MHz IF signal and converts it to 950 - 1450 MHz in 1MHz steps for loop-back applications. The IF input is mixed with a synthesized 1020 - 1520 (C) or 880 - 1380 (Ku) MHz local oscillator. Push-button switches control the synthesized oscillator which determines the output frequency. Pushing these switches simultaneously allows selection of high side LO (C) or low side LO (Ku) and 70 or 140 MHz input. An alarm LED lights and an open drain FET closes to ground when the PLL is unlocked. A yellow LED indicates remote operation. The mixer output goes to a switched attenuator providing IF to RF gains of -25, -45, or -55dB. Power is provided by a wall-mount power supply and connectors are BNC female. The 2003 is housed in a bench-top chassis. An optional 1RU rack mount package (option -R) is available.



FRONT PANEL

EQUIPMENT SPECIFICATIONS*

Input Characteristics



*10°C to 40°C; Specifications subject to change without notice.

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