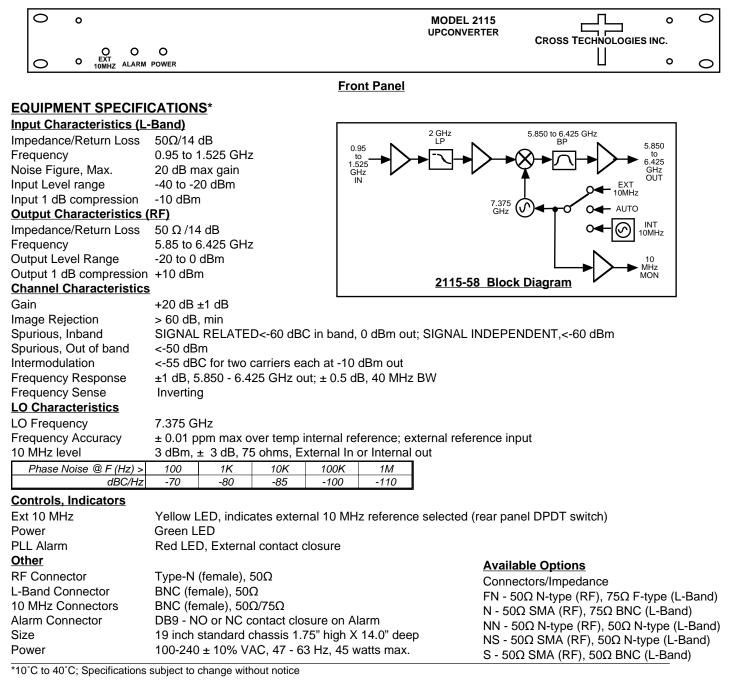


DATA SHEET REV B

5/16/05

2115-58 Block Upconverter, 5.85 - 6.425 GHz

The 2115-58 Block Upconverter converts 0.95 - 1.525 GHz to 5.850 - 6.425 GHz with low phase noise and flat frequency response. Frequency translation is via a 7.375 GHz local oscillator. Front panel LEDs provide indication of DC Power, External 10 MHz, and PLL Alarm. The gain is +20 dB. Connectors are Type N female for the RF and BNC female for the L-Band and external reference input and reference output. A three-way switch controls which 10 MHz reference is being used. In the INT position, the internal reference is used, in the EXT position, the external reference is used, and in the AUTO position, the internal reference is used unless a 3 dBm \pm 3 dB, 10MHz reference signal is connected to the external reference input. The 2115 is powered by a 100-240 \pm 10% VAC power supply, and mounted in a 1 3/4" X 19 " X 14" rack mount chassis.



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