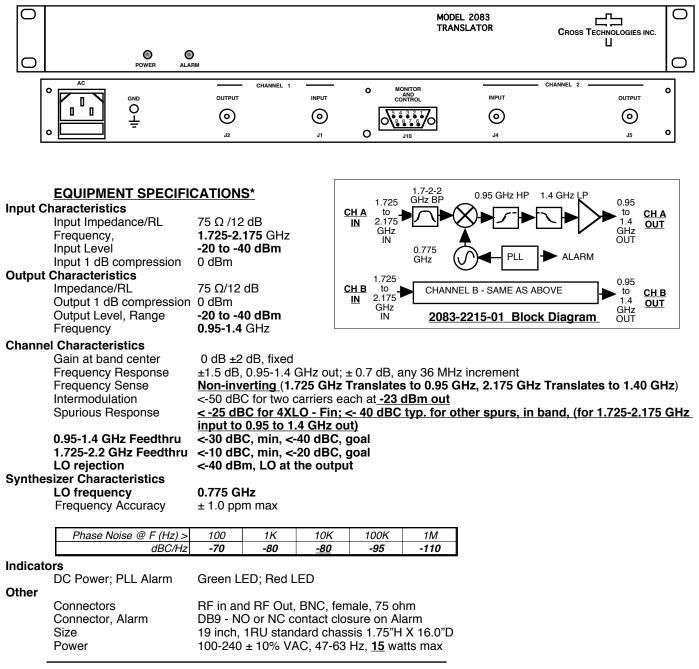


## DATA SHEET Rev. 0 05/20/13

## 2083-2215-01 Dual Translator, Non-inverting

**2083-2215-01 Dual Translator** - Consists of two converters (non-inverted spectrums) each of which convert a **1.725 - 2.175** GHz signal to a **0.95-1.4** GHz (**LO =0.775 GHz**). The two 1.725 - 2.175 GHz inputs are bandpass filtered and then mixed with a 0.775 GHz synthesized local oscillator (LO) signal to 0.95-1.4 GHz. The mixer output is applied to the output filters and amplifier. The converters have a nominal gain of 0 dB. All connectors are 75 ohm BNC female. Front panel LEDs light when DC power is applied (green) and when a PLL alarm occurs (red). The 2083-2215-01 is powered by a 100-240 ± 10% VAC power supply and housed in a 1.75" X 19" X 16" 1RU chassis.



\*+10 to +40 degrees C; 2000 meters max elevation; 80% max humidity; Specifications subject to change without notice.

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