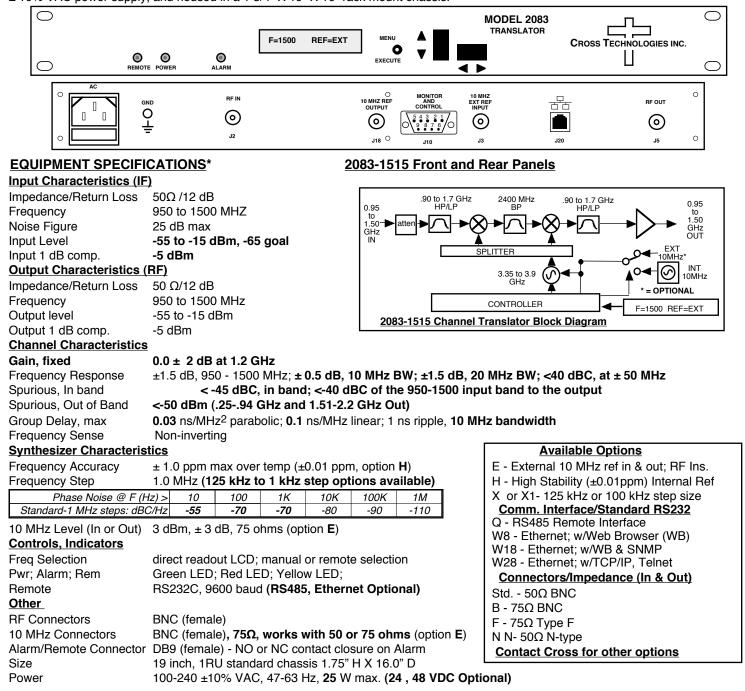


DATA SHEET

Rev. 0 04/24/13

2083-1515 Channel Translator, 0.95 - 1.50 GHz to 0.95 - 1.50 GHz

The 2083-1515 Channel Translator converts a 10 MHz Channel in the 950 to 1500 MHz input band at the same center frequency in the 950 to 1500 MHz output band in 1 MHz steps **which functions as a tunable bandpass filter.** A synthesized local oscillator (LO) provides the frequency selection. Push button switches select the RF frequency and other parameters. Front panel LEDs provide indication of DC power (green), PLL alarm (red), and remote operation (yellow). The gain is +0 dB. Remote operation allows selection of the frequency. Parameter selection and frequency settings appear on the LCD display. Connectors are BNC female for the RF In and RF Out and the optional external reference input and output. **The external 10 MHz option E** includes a 10 MHz output connector which contains either the internal or external 10 MHz reference signal. A high stability **option H** (±0.01ppm) is also available. The unit is powered by a 100-240 \pm 10% VAC power supply, and housed in a 1 3/4" X 19" X 16" rack mount chassis.



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

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