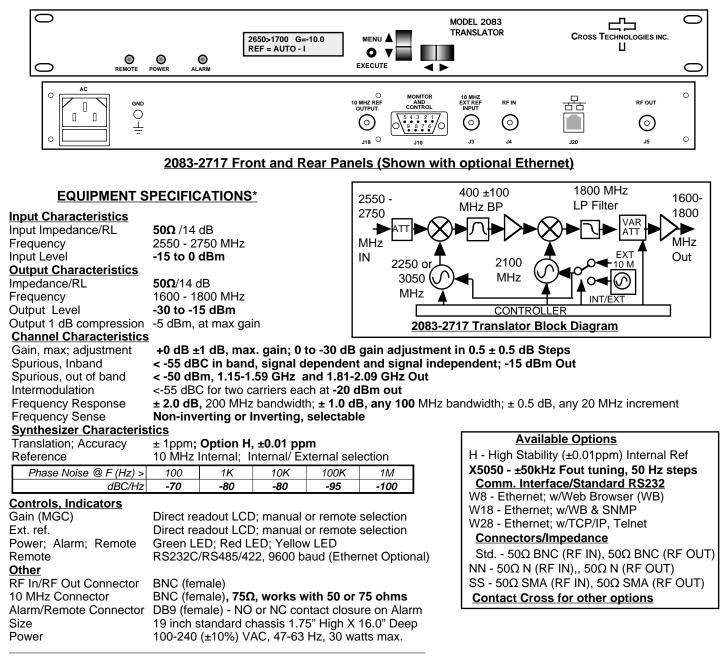
## CROSS TECHNOLOGIES, INC.

## DATA SHEET

10/10/18 REV. A

## 2083-2717 Block Translator, 2550-2750 to 1600-1800 MHz

The 2083-2717 Block Translator converts a 2550-2750 MHz block to 1600-1800 MHz block with or without spectrum inversion (selectable), low group delay and flat frequency response. The 2550-2750 MHz input is mixed with synthesized local oscillator (LO) signals, first to a 400 MHz center frequency and finally to the 1600-1800 MHz block output. The gain can be set for 0 to -30 dB in 0.5 ± 0.5 dB increments. The output translation is fixed (Option X5050 - ±50kHz Fout tuning, 50 Hz steps). Multifunction switches select Gain and internal or External 10 MHz reference which appear on the LCD display and can be adjusted remotely. Front panel LEDs provide indication of DC power (green), PLL alarm (red), and remote operation (yellow). Connectors are BNC female for RF and 10 MHz input and output. It is powered by a 100-240 ±10% VAC, 47-63 HZ input power supply and housed in a 1 3/4" X 19" X 16" rack mount chassis.



\*+10 to +40 degrees C; Specifications subject to change without notice