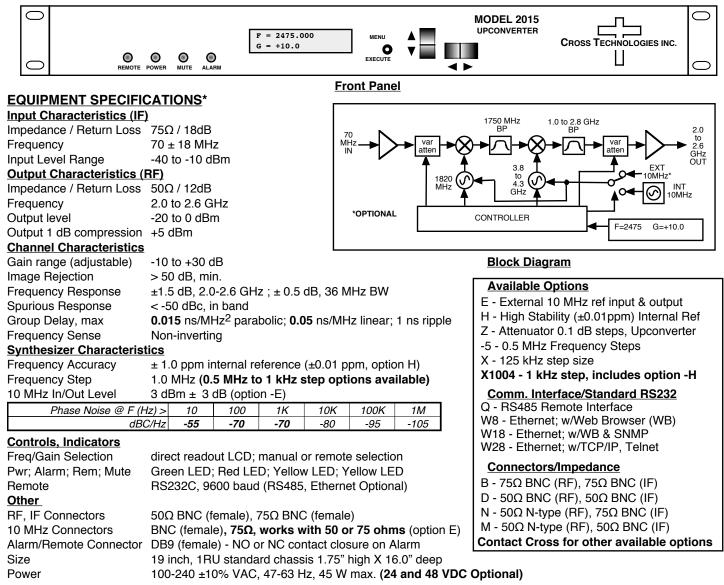
## 

## **DATA SHEET**

Rev. A 12/07/16

## 2015-2026 Upconverter, 70 MHz to 2.0 - 2.6 GHz

The 2015-2026 S-band Upconverter converts 70  $\pm$  18 MHz to 2000 to 2600 MHz in 1 MHz steps (0.5 MHz to 1 kHz step options available) with low group delay and flat frequency response. Synthesized local oscillators (LO) provide frequency selection. Push button switches select the RF frequency, gain, and other parameters. Front panel LEDs provide indication of DC power (green), PLL alarm (red), remote operation (yellow) or the TX carrier is muted (yellow). Variable attenuators for the IF input and output provide a gain range of -10 to +30 dB as adjusted by the front panel push-button switches. Remote operation allows selection of frequency and gain. Parameter selection and frequency and gain settings appear on the LCD display. Connectors are BNC female for RF, IF and the optional external reference input and output. The **-E external 10 MHz option** includes a 10 MHz output connector which contains either the internal or external 10 MHz reference signal. A **-H** high stability ( $\pm$ 0.01ppm) option 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.



 $^{*10}^{\circ}\text{C}$  to  $40^{\circ}\text{C};$  Specifications subject to change without notice