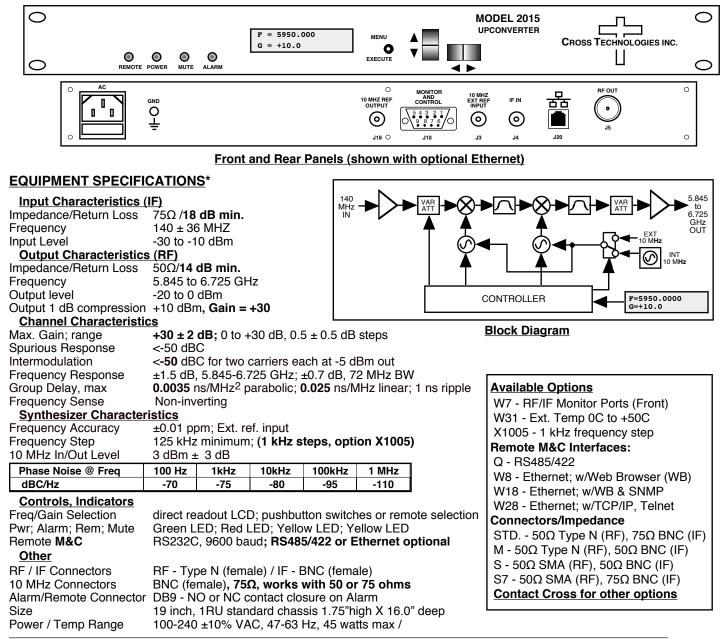


8/24/15

2015-57-140 Upconverter, 140 ± 36 MHz to 5.845 - 6.725 GHz

The 2015-57-140 Upconverter converts 140 \pm 36 MHz to 5.845 to 6.725 GHz in 125 kHz steps (**1 kHz steps, option X1005**) with low group delay and flat frequency response. Synthesized local oscillators (LO) provide frequency selection with \pm 0.01 ppm stability. Push button switches select the RF frequency, gain, and other parameters. Front panel LEDs provide indication of DC power (green), remote operation (yellow), PLL alarm (red), or the TX carrier is muted (yellow). Variable attenuators for the IF input and RF output provide a gain range of 0 to +30 dB as adjusted by the front panel pushbutton switches. Remote M&C allows selection of the 10 MHz reference, frequency and gain. Parameter selection and frequency and gain settings appear on the LCD display. Connectors are BNC female for IF input and 10MHz reference input and output, and Type N female for the RF output (other connector configurations available). The unit is powered by a 100-240 \pm 10% VAC power supply; and housed in a 1.75" X 19" X 16" rack mount chassis.



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