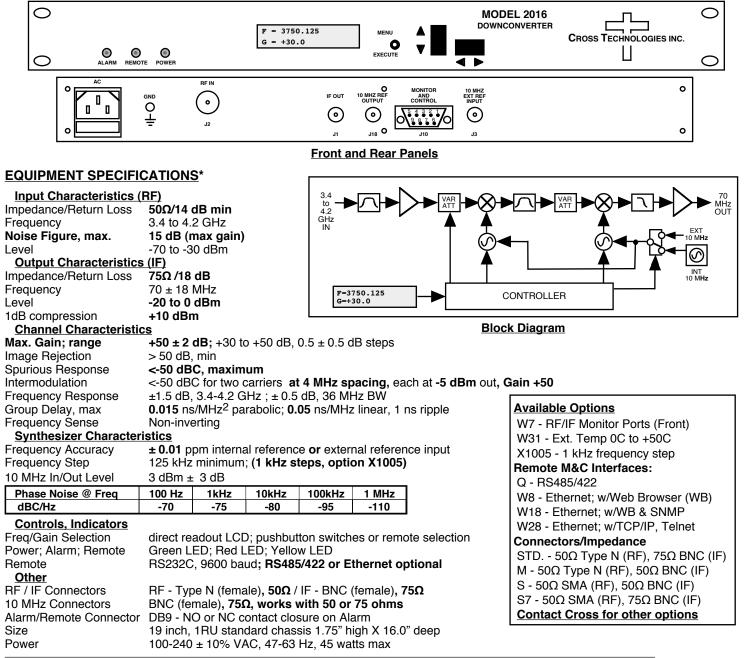
## 

## 2016-35 Downconverter, 3.4 - 4.2 GHz to 70 ± 18 MHz

The 2016-35 Downconverter converts 3.4 to 4.2 GHz to 70  $\pm$  18 MHz 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 \pm0.01** ppm stability. Push button switches select the RF frequency, gain, and other parameters. Front panel LEDs provide indication of DC power (green), PLL alarm (red), and remote operation (yellow). Gain is adjustable manually over a +30 to +50 dB range by the front panel push-button 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 output and the 10MHz reference input and output, and Type N (female) for the RF input (other connector configurations available). A 10 MHz output connector contains either the internal or external 10 MHz reference signal. 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