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## **DATA SHEET Rev. A** 06/22/16

## 3115-7984-720-400# Upconverter, 720 ±200 MHz to 7.9 - 8.4 GHz

The 3115-7984-720-400# Upconverter converts 720  $\pm$  200 MHz to 7.9 to 8.4 GHz (non-inverted) in 125 kHz steps, **Fc = 8.05-8.355 GHz** (8.40 GHz max RF out). The gain is 0 to +20 dB, adjustable in 0.5  $\pm$  0.5 dB steps. Front panel LEDs provide indication of Remote operation, PLL Alarm and DC Power. Gain, **Fc frequency (8.05-8.355 GHz, 8.40 max output frequency)** and internal/external/Auto reference frequency selection are controlled by front panel switches or remote selection (via RS-232C/485, standard; Ethernet Optional) and are viewable on the LCD Display. Connectors are Type N female for the RF and BNC female for the **RF Input** and external reference input and reference output. In AUTO, the 10 MHz reference stays in external if the external level is **+3 dBm, ±3 dB**. It is powered by a 100-240  $\pm$  10% VAC power supply, and in a 1 3/4" X 19" X 14" rack mount chassis.



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