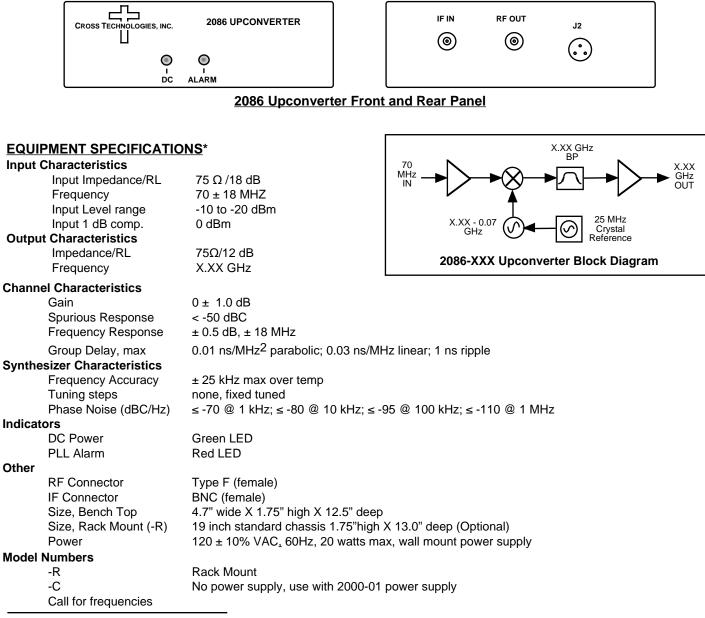


DATA SHEET

5/16/05

2086-XXX Upconverter, Fixed Freq., 0.95-1.75 GHz

The 2086-XXX Upconverter converts a 70 MHz IF signal to a fixed frequency (X.XX GHz) in the 0.95 to 1.75 GHz band with no spectrum inversion, low group delay, and flat frequency response. The 70 MHz IF input is mixed with a fixed frequency local oscillator (LO) signal to X.XX GHz. The frequency is fixed and specified by the customer. A green front panel LED lights when DC power is applied and a red LED lights if the phase lock loop for the LO is in alarm. Connectors are BNC female for the IF input and Type F female for the RF output. Power is provided by a $120 \pm 10\%$ VAC, 60Hz, wall mount power supply. The 2086 Upconverter is housed in a 4.7" wide X 1.75" high X 12.5" deep aluminum chassis. The 2086 can be mounted on an 1 3/4" X 19 " rack mount panel (**option -R**). The 2086 can also be powered by the 2000-01 switching power supply using **option -C** which includes no power supply.



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

CROSS TECHNOLOGIES, INC. 6170 Shiloh Road Alpharetta, Ga. 30005 770-886-8005, FAX 770-886-7964 www.crosstechnologies.com