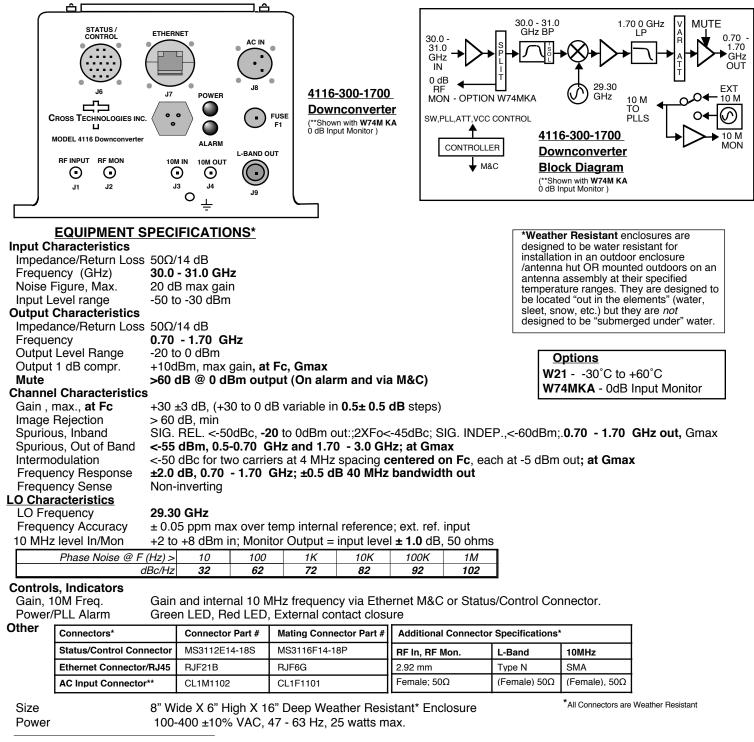


DATA SHEET

REV. A 9/23/21

4116-300-1700 Block Downconverter, Weather Resistant*

The 4116-300-1700 Block Downconverter converts **30.0** - **31.0** GHz to **0.70** - **1.70** GHz. Front panel LEDs indicate DC Power and PLL Alarms. The RF to L-band gain is $+30 \pm 3$ dB maximum at Fc and is adjustable in 0.5 ± 0.5 dB steps. Connectors are **2.92 mm** for RF In, RF Monitor and SMA for the external reference input and output, and Type N, female for L-band out. Gain and internal 10 MHz frequency are controlled by the Ethernet M&C. In AUTO, the 10 MHz reference stays in external if the external level is in the +2 to +8 dBm range. The unit is powered by a 100-400 $\pm 10\%$ VAC power supply, and is mounted in a 8"W X 6"H X 16"D Weather Resistant* enclosure.



**+0 to +50 degrees C; Specifications subject to change without notice