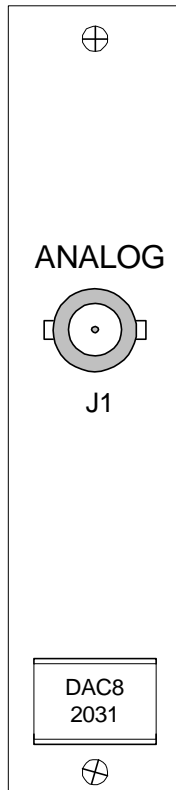


MODEL MITC *FALCON*  
June 26, 2002

## DAC8 HIGH SPEED D/A CONVERTER MODULE

The DAC8 module (2031) provides the *FALCON* MITC 430 DEMUX function of recreating a high bandwidth analog signal that was digitized by the companion ADC8 module at the data acquisition site. It includes an anti-aliasing filter that is supplemented by DSP-based filter.

### ANALOG OUTPUT



- Single channel, 14 bit converter
- Accepts MSB-justified data 8 or 12 bits wide
- Selectable Sampling Rate
- Output Range: -2.5 to +2.5 Volts
- 10 ma. Output Current capability
- BNC type connector

### DEMUX CHANNEL CHARACTERISTICS

- Automatically configures to the ADC8's word size and sample rate
- Selectable Channel ID
- Requires 1 MITC chassis slot