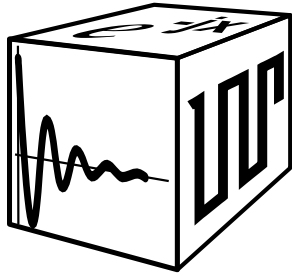


# SIGNALBLOX®



Reduce development time by quickly prototyping complex systems. Feature set supports OEM applications that need robust, reliable operation. Off the shelf hardware for limited NRE cost; open source hardware makes it easy to extend and enhance.



PWR002 seven output module



PWR001 triple output module

SignalBlox, DigitalBlox, AnalogBlox and the cube logo are trademarks of Clockworks Signal Processing LLC.

# CLOCKWORKS

## Signal Processing

### OPEN SOURCE MODULAR HARDWARE FOR MULTI-CHANNEL SIGNAL PROCESSING

## Power Supply Cables

### Common features

- For use with PWR001 and PWR002 supplies
- Connects to CC001/2/3 carrier boards
- MTA-100 series connectors with strain relief clips for reliable connections
  - Polarizing tabs assist with connector to header alignment
- 22 AWG wire, see SignalBlox System Configuration guide for standard wire colors and pin assignments
  - For ground and supply outputs carried on multiple pins the wiring may not correspond to the same pin on both ends
- Nylon braided sleeve for easy of routing cable bundle
- 220 mm +/-10mm finished length

### Cable assemblies

#### 8 pin connector/wire assembly

- Carries +/-15 and +/-5 outputs and grounds
- Supply enable input signal
- TE 3-643813-8 connector and 643075-8 strain relief



#### 12 pin connector/wire assembly

- Carries +3.3 standby supply (always on)
- Carries +3.3 and +5 high current supplies and grounds
- Supply enable input signal
- Power good output signal
- TE 4-643813-2 connector and 1-643075-2 strain relief

