

# ELECTRO-MECHANICAL LINE LIST

MADE IN USA

**EQUIPTO**  
Electronics Corp.



- Heavy duty, Ka-Shield & EMI/RFI Shielded Cabinets
- N6 Shielded Watertight NEMA Cabinets and NEMA Enclosures
- Multi-unit Testbed (MUT) For Emulating Rf Environments
- Solid System Rack Cabinets
- FCC/VDE Shielded Cabinets
- Commercial Cabinets
- Tempest Rated PC Meets Mil Standards
- Sub-rack Card Cages and Chassis
- Heavy Duty Desks
- Customized Products
- ISO 9001:2008 Certified

MADE IN USA

**electromet**  
RUGGED ENCLOSURES



- Rugged COTS ready Enclosures, Navy Standard Utility Heavy Duty, Standard "CY" Config w/ Front door Isolation System
- Legacy GKI® Enclosures Rugged and Reliable
- EZ Cool Fan Tray
- Isolators: Considerations for Shock and Vibration Requirements
- Isolator Selection: Material Construction
- Intake and Exhaust Air Management
- Cable Management

**JONATHAN**  
Engineered Solutions



- Industrial Drawer Slides
- Friction Drawer Slides
- Mounting Brackets & Custom Solutions
- Standard Trays & Shelves
- Custom Linear Assemblies
- Cable Management Systems
- Fasteners & Precision Machined Components
- Ruggedized Assemblies, Kits, and Custom Engineered Products

# ELECTRO-MECHANICAL LINE LIST



- M Series, SM Series, SB Series
- Special Assemblies
- Design, engineer and manufacture custom isolation systems
- Applications - Shipboard Electronics & Equipment  
Electronic Racks (single or multi-bay) Shipping Containers & Cases, Tanks & Tracked Vehicles  
Communication Shelters, Rotating Equipment

## Common Applications & Operations

### Satellite Communication

Phased Array Antennas  
Space Qualified Cables  
Space Qualified Atomic Clocks  
Space Qualified FPGA's

### Satellite Ground

Real-Time Earth (Ground Stations as a Service)  
Full Solution TT&C Antenna 2.4 – 28 Meter  
Phased Array Antenna's  
High-Rate Modems  
Solid-State High-Power Amplifiers (0.1-12 GHz)  
Ruggedized Computers & FPGA's  
Time Synchronization Units  
FEPS  
RF Components:  
Couplers, Multi-Couplers, Frequency Converters,  
& RF Switches

### Airborne Communication

Antenna's, Ruggedized CPU's  
Encoders, FPGA's, Transmitters  
Data Loggers  
Ethernet Communication – 1553  
Crypto  
RF Cables & Fiber Optics  
SSPA Modules  
High-Rate Recorders  
Time Synchronization Units  
Full Cabinet Solutions

### Telemetry Ground Systems

Fast Tracking Antennas 1 - 6.4 Meter  
Phased Array Antennas  
Solid-State High-Power Amplifiers (0.1-12 GHz)  
RF Cables & Fiber Optics  
Ruggedized Computers & FPGA's  
Time Synchronization Units  
RF Components:  
Couplers, Multi-Couplers, Frequency Converters, & RF Switches

### Telemetry Equipment

Bit Sync  
Data Mining Software  
Receivers  
Data Acquisition / Analysis Software  
Recorders  
Decommutators  
Time Synchronization Units  
Ruggedized Computers  
Full Solutions - Cabinet, Portable, Trailer, Vehicle

### Servers & Embedded Computing Solutions

Rugged Computers & Servers  
FPGA's - A/D's 105MHz & Below  
IP, PMC, XMC  
FPGA's - A/D's 105MHz to 10GHz  
3UVPX, PCIe, SSF (Small Form Factor), Bench Top Testing Kit  
Carrier Boards, VME, PCI, cPCI (3U & 6U), & VPX (3U)  
I/O Boards – Analog, Digital, Counter, Serial, & Multi-Functional  
PMC, PCI, cPCI, VME, PCIe  
Data Bus / Ethernet Networks – ENET1553 & ARINC 429  
XMC, Half Size PCIe. Low Profile PCIe, Half Size PCI, PMC, Rugged Case  
GPS Receiver & Timing Server – IRIG, 10Mhz, 1PPS, PTP, NTP  
PCI, PCIe, 1U