

ELECTRO-MECHANICAL LINE LIST



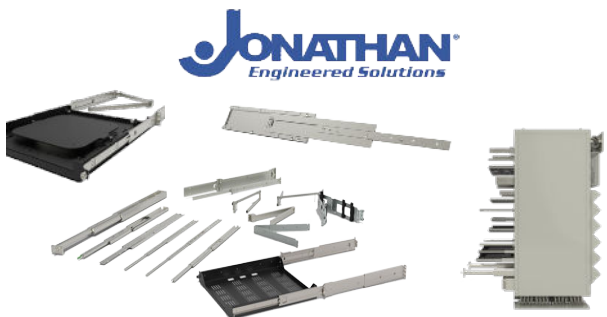
- Cabinets, Enclosures, & Cage Solutions for Mission Critical Applications
- Stand-alone rack or can be ganged or joined together
- Ship as configured so there is no assembly required
- Heavy Duty and Economical Cabinet Solutions Available, Including Seismic Qualified Enclosures
- Modular & Scalable Consoles for Command & Control Environments



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



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



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

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