

» FS-8718 «



FS-8718 Rugged Chassis 18-slot 8U VME

- » 8U VME card cages with up to 18-slots or less monolithic backplane
- » Tested to meet shock & vibration requirements of MIL-STD-810E, MIL-STD-910D & MIL-STD-167/1
- » 800 Watts PFC power supply standard; other values can be specified
- » Cooling can be custom configured: front to rear, front to side, or side to side

The Kontron FS-8718 option is a ruggedized 18-slot, 8U enclosure for 6Ux160mm VME cards.

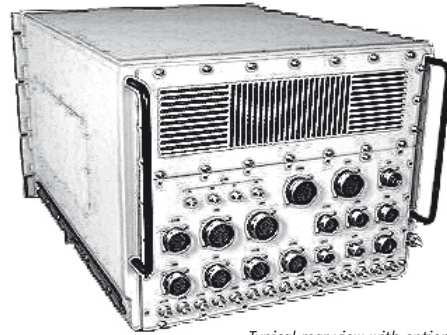
The FS-8718 was designed to meet MIL-STD-810E, MIL-STD-901D lightweight hammer, and MIL-STD-167/1 shock and vibration specifications for severe environments, as well as MIL-STD-461C for EMI specifications.

A hinged front door provides front loading access to the VME PCBs. An optional security interlock can be provided on the front door and all other panels are then non-removable without first opening the front panel. The rear I/O panel can be custom configured for the intended application.

Cooling is front to rear as standard, and can be optionally configured for front to side or side to side. Thermal monitoring and control are available as an option.

The enclosure comes in a rack-mount configuration and can be provided without internal shock-mounts.

REAR VIEW



Typical rear view with optional connectors

Technical Information

Physical Dimensions

Height	14"
Depth	20"
Width	19"
Weight	60lbs. (typical)

Mechanical

.090" Seam Welded Aluminum Alloy
Chem-filmed per MIL-C-5541, Class 3
All fastener hardware is stainless steel
Hinged front door with access to VME PCBs
Blank Rear I/O panel: 8.50" x 15.75"

Electrical

AC input: 90-264 VAC, 47-440 Hz
AC draw: 12 Amp maximum
MIL circular power connector
+5, +12, -12V outputs on DC power supply
MIL-STD-461 E
AC input EMI filter
Teflon wiring standard

Shock & Vibration

MIL-STD-810E
MIL-STD-901D Lightweight hammer
MIL-STD-167/1

VMEbus Backplane

18-slots total, monolithic J1/J2 (J0 optional)
6U x 160mm

Front Panel

SYSRESET, SYSFAIL, +5V, +12V, -12V LED
Reset Switch
Power Switch/Circuit Breaker
Custom panel layout

Standard Options

S: Rack-mount slide kit
D9: Use 2x9 slot backplanes
TM: Thermal monitoring

Custom Options

Paint & silk screening to customer spec
Internal I/O cabling
Multiple backplanes
Power supply ratings

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