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# » FS-8718 «



# FS-8718 Rugged Chassis 18-slot 8U VME (with Dog House Option)

- » 8U VME card cages with up to 18 slots, monolithic backplane
- » 800 Watts PFC power supply standard; other values can be specified
- » Cooling can be custom configured: front to rear, or side to rear
- » Tested to meet shock & vibration requirements of MIL-STD-810E, method 514.4 (categories 1,4,5,6,8) MIL-STD-910D & MIL-STD-167/1

# #FS-8718# 072920JpDU All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuractes. All band or product names are trademarks or registered trademarks of their respective owners.

# FS-8718 Rugged Chassis

# 18-slot 8U VME (with Dog House Option)

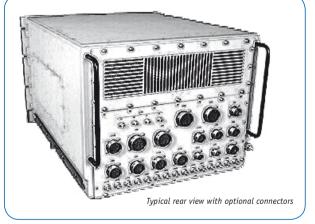
The Kontron FS-8718 with dog house option is a ruggedized 18-slot, 8U VME enclosure.

The FS-8718 was designed with dog house option to meet MIL-STD-810E, MIL-STD-901D, 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 or desktop configuration and can be provided without internal shock mounts and EMI hardware.

### **REAR VIEW**



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: 115 or 220 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 PVC wiring standard, Teflon or other by custom option
Shock & Vibration	MIL-STD-810E MIL-STD-901D Lightweight hammer MIL-STD-167/1
VMEbus Backplane	12-slots total, monolithic J1/J2 (J0 optional) 6U x 160mm
Front Panel	SYSRESET, SYSFAIL, +5V, +12V, -12V LEDs Reset Switch Power Switch/Circuit Breaker Custom panel layout
Standard Options	S: Rack-mount Slides RE: Remove EMI/RFI RS: Remove shock/vibration isolation TM: Thermal monitoring X: VME 64X backplane X0: VME 64X backplane
Custom Options	Bull Nose Paint & silk screening to customer spec Internal I/O cabling Multiple backplanes Power supply ratings Connectorization of I/O panels Cooling configuration Security interlock DC Power Supply

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