



The AP Labs FS-8760 is a Ruggedized 17 slot, 6U VME, Red/Black enclosure

AP Labs designed the FS-8760 to meet MIL-STD-810E, MIL-STD-901D, and MIL-STD-167/1 shock and vibration specifications for severe environments. The FS-8760 also meets MIL-STD-461C, NACSIM 5100A, and FCC Class B EMI specifications

The chassis is a Red/Black enclosure which can be configured in any combination of Red/Black slots, including all Red or all Black. Each compartment is provided with its own power supply. A hinged front door provides front loading access to the two compartments. Security interlock for Stored Key Variables is provided on the front door and all other panels are non-removable without first opening the front panel.

Cooling can be either front to rear, front to side, or side to side.

The FS-8760 enclosure comes in a rackmount or desktop configuration.

The FS-8760 is a member of the AP Labs *FULLspectrum™* line of enclosures and workstations, spanning commercial through MIL-SPEC requirements.

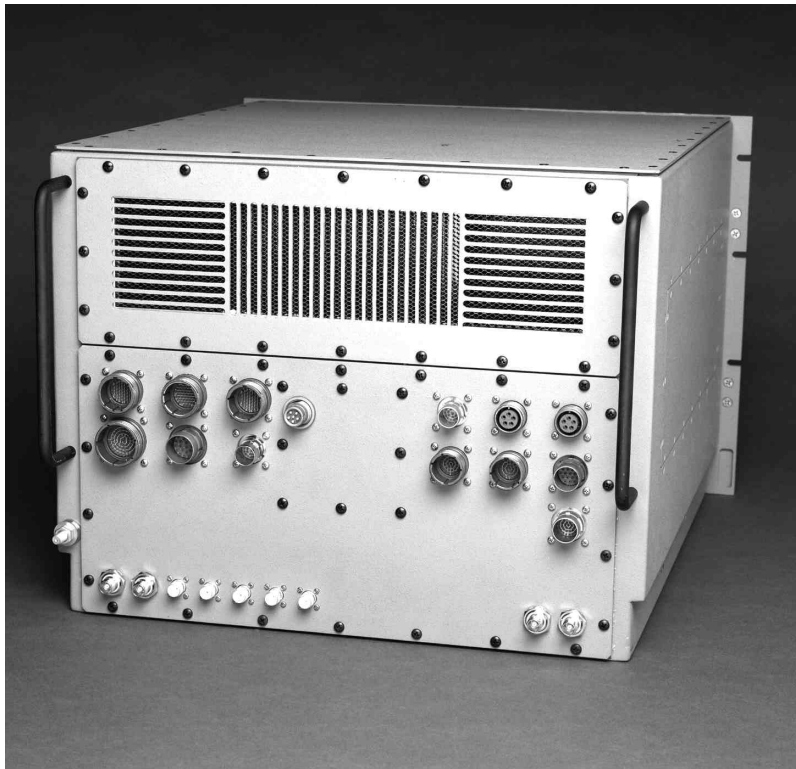
COTS/NDI

6U VME cardcages with monolithic backplane 17 slots or less for Red/Black

Tested to meet Shock and Vibration requirements of MIL-STD-810E, MIL-STD-901D and MIL-STD-167/1

215 and 375 Watt power supplies standard. Other values can be specified

Cooling can be custom configured: front to rear, front to side, or side to side



FS-8760 “Typical” Rear Panel View with Optional Connectors

Specifications

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 Red/Black compartments
- Blank Rear I/O panel: 8.50" X 15.75"

Physical Dimensions

- Height: 14"
- Width: 19"
- Depth: 20"
- Weight: 65 lbs.(typical)

Front Panel

- Power ON LED
- Power On Red LED
- Power On Black LED
- Power Switch

Shock And Vibration

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

Electrical

- AC input: 115 or 220 VAC, 47-440 Hz
- AC draw: 10 Amp maximum
- MIL circular power connector
- Individual power supplies
- Individual breakers for each compartment
- +5, +12, -12V outputs on DC supply
- MIL-STD-461C
- NACSIM 5100A

VMEbus Backplane

- 17 slots total, Monolithic J1/J2
- 6U X 160 mm

Ordering Information

- FS-8760: 6 Red slot, 11 Black slot, 6U VME enclosure, with shock/vibration isolation and EMI/RFI

Standard Options

- S: Rack mount slides

Custom Options

- Paint and silk screening to customer spec
- Front and rear panel configuration
- Internal cabling
- Power supply ratings
- Connectorization of I/O panels
- Cooling configuration
- Red only, black only to 18 slots
- Full systems integration

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