

FEATURES

- Welded enclosure
- Isolated, shock mounted card cage
- Extensive structural analysis
- MIL-S-901 300G heavy weight shock (Barge Shock Test)
- 17 slot card cage, 6U x 160mm front cards
- 17 slot VME backplane IEEE 1101.1 compliant
- Outer enclosure constructed of welded steel
- Nickle plating for corrosion protection
- Inner card cage shock and vibration isolated
- Front and rear removable panels with captive hardware
- Removable fan trays with 2 push/pull fans mounted above and below card cage
- Bottom to top airflow
- Patented CoolSlot® air deflecting card guides optimize airflow
- Front mounted handles
- Provisions for I/O panel, bottom mounted

CHASSIS SOLUTION 66-266

11U WELDED CHASSIS



MARKET

Military

APPLICATION

Shipborne

CHALLENGE

Design and manufacture an enclosure welded out of steel with nickle plating for corrosion protection.

- Designed to meet stringent naval shipborne requirements

CONCERNS

- Designing a complete solution which fits into an allocated space
- Structure and weight issues

CHASSIS SOLUTION 66-266

11U WELDED CHASSIS

TECHNOLOGY OVERVIEW

PHYSICAL	
Width	17.6" (447 mm)
Height	19.6" (497.8 mm)
Depth	20.1" (510.5 mm)
ENVIRONMENTAL	
Flammability Rating	UL94-V0
Electroless Nickel Plate	MIL-C-26074
Shock	MIL-S-901 High Impact Shipboard Machinery
Vibration	MIL-STD-167-1
Safety Agencies	Designed to meet UL 1950; CSA 22.2 #234; TUV EN60950
Earthing	ESD Ground Clip designed to comply with the earthing requirements of IEEE 1101.11 Section 15, IEC 60950 Section 2, and PICMG 2.5 R1.0
CONSTRUCTION	
Outer Enclosure	HSLA Steel (Weldment), AWS D17.1
Extrusions	6063-T6 Aluminum, precision grade with clear iridite plating
Side Plates	.090" thick aluminum, 5052-H32 with clear iridite plating
Card Guides	Molded plastic, Noryl N190X Black, UL94-V0
Tapped strips	Carbon steel bar stock with zinc plating and supplementary chromate treatment
ESD Ground Clip	Beryllium Copper, Alloy C17400, ½ HT, with Bright Tin plating / MIL-T-10727 per IEC 950 sec.2

WARRANTY

This product has a one year warranty.

CONTACT INFORMATION

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