

# MILITARY COTS ATR CHASSIS

## FULL RANGE OF HIGH PERFORMANCE ENCLOSURES

- ALL 3U & 6U MODULE FORMATS / VITA BUSES SUPPORTED
- EXTENSIVE PSU POWER SUPPLY & BACKPLANE COMBINATIONS
- CHASSIS THERMAL ANALYSIS & TESTING FIGURES AVAILABLE

**31** MODELS  
VME, cPCI & VPX

## FIRST FREE-AIR ATR SERIES, HEAD TO HEAD PERFORMANCE VS. FORCED AIR HEAT EXCHANGER MODELS

SEALED, contaminant free (suited for dust, sea fog, humidity, etc)

18 hermetically sealed heat pipes integrated! (no payload risk)

Maintenance free deploy & forget!!

Platform cool base-plate not required. Thermally isolated Mounting Tray can be used.

SILENT operation  
no external fan or moving parts!

CM-ATR-35/SEF-18HP

| DIMENSIONS | ATR SPECS        |
|------------|------------------|
| H/ 256 mm  | 7 slot w/        |
| W/ 240 mm  | PSU - 650W       |
| D/ 425 mm  | all AC/DC inputs |

### TARGET APPs:

- Submarines
- Warships
- Ground Stations
- Battle Tanks
- Avionics & UAVs
- Aerospace...

$$\frac{\Delta T: 30^{\circ}\text{C}}{\text{TPP: } 225\text{W}} = \text{CPTR } 0.13^{\circ}\text{C/W}$$

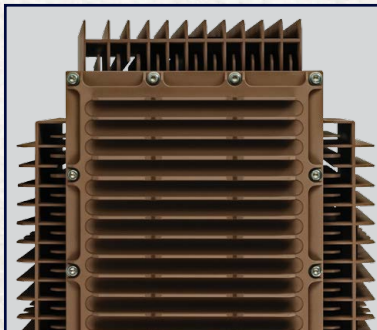
Enhanced natural air convection  
airflow through side panel finned  
tunnels

|           |               |
|-----------|---------------|
| <b>6U</b> | 5-SLOT: 180W  |
|           | 7-SLOT: 220W  |
|           | 12-SLOT: 300W |

Max. recommended Payload Power dissipation  
@ 55°C ambient (card-rail Delta-T 30°C) for  
MIL-STD-810F High Temp. compliance

5-SLOT: 140W

|           |
|-----------|
| <b>3U</b> |
|-----------|



MIL-STD-810F & MIL-STD-461F CERTIFIED FOR IMMEDIATE DEPLOYMENT  
The leading ATR manufacturer

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