

MILEX 19 INCH RACKMOUNT CASES

The MILEX case is a water and dust proof transit case for 19" electronics that includes shock and vibration absorption features. MILEX transit cases are NATO approved and are designed to meet the rigid requirements of U.S. MIL specifications in addition to most international specification requirements. MILEX transit cases represent the most comprehensive line available today for the safe packaging of mobile electronics made exactly to customer's specifications. DESAPRO has developed a unique expertise in designing and custom manufacturing to deliver the right quality for your application on time.

MILEX cases are designed and manufactured to the specific requirements of environmental protection required by the equipment being contained and transported. This provides the maximum protection while also affording other essential and desirable features.

The size of the MILEX case is determined by the size of the equipment demands. However, due to the positioning of the DESAPRO shock mounts the space between the inner chassis and outer shell is minimized with equal or better shock and vibration properties. This feature means that the overall dimension of MILEX cases is as small as it can be without sacrificing protective characteristics.

Protection against environmental stress: extreme on the outside and safe on the inside!

Undesirable influences from various sources which occur during transport, storage or operations can have a damaging effect on sensitive goods and therefore present a considerable risk. These risks are mitigated by using DESAPRO cases. DESAPRO cases protect against many environment stresses:

Protection against climatic stress such as

- Extreme temperatures in tropical or arctic regions
- Temperature shock in airborne situations
- High humidity in tropical regions
- Aggressive atmospheric conditions
such as salt fog at sea
- Sand and wind in deserts or industrial settings
- Water damage by rain or transport by sea
- Sun radiation (UV rays)
- Rain, snow, hail

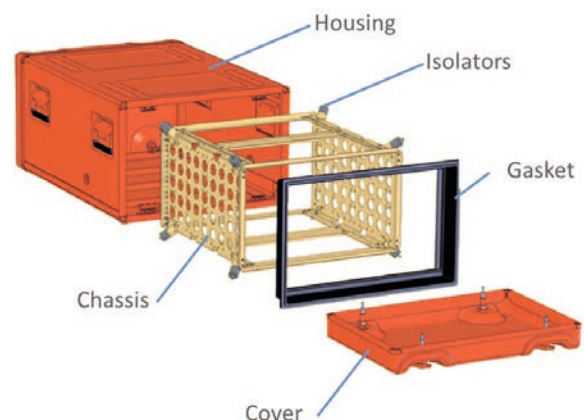
Protection against electrical stress by direct or random high frequency interference

- Jamming transition
- Switching operations
- Electromagnetic interference (EMI), RFI

Protection against internally produced stress

- Dissipated heat
- High voltage components
- Radio frequency radiation

MAIN COMPONENTS OF THE DESAPRO MILEX CASE



MILEX DESIGN CHARACTERISTICS AND FEATURES

- Superior volume/weight ratio compared to plastic, composite or wood cases
- Compact and rugged aluminum construction
- Superior use of space due to tight radius of shell and minimal space between shell and chassis compared to plastic, composite or wood cases
- Fully recessed handles and closures
- Positive stacking provisions even for housings of different outer dimensions
- Compliant to MIL-STD-4150 and MIL-STD-28800
- Calibration of shock mounts corresponding to equipment weight and/or environmental specifications
- Specially selected aluminum alloys

Variety of Standard Sizes (DIN41494 / IEC297)

- 2 U to 24 U height (1 U = 44.45 mm or 1 3/4in)
- 19" chassis and half 19" chassis
- Housing standard depths – 219, 350, 480, 610, 762 mm
- Covers standard depths – 63, 103, 153 mm
- Custom sizes available and easily accommodated

MAXIMUM FLEXIBILITY THROUGH A VARIETY OF MILEX OPTIONS AVAILABLE

A large selection of standard accessories are available

- Drawers and trays with or without telescopic slides
- Special covers providing extra space for pouches, cable coils, windows, louvres and connector trays
- Castors or dollies for desired mobility
- Special gaskets or skirt seal to provide weatherproofing
- EMI protection with covers removed
- Variety of latches and closure devices
- Skirt seals: Standard and EMI conductive Skirt seals available

