LOADMASTER®
RACKMOUNT CASES

ECS™

Loadmaster® Rackmount Cases are the toughest, lightest, and most protective portable enclosures for military electronics. Designed for durability in any environment, they feature slide-out, all-aluminum 19" racks that can be fully removed for seamless integration and maintenance. Trusted by American warfighters for over 40 years, these cases maximize sway space within compact enclosures, allowing shock mounts to deliver superior shock and vibration protection.

Available in 3U–20U rack heights with depths of 20", 24", and 30", they offer lid covers in 3" and 5" depths. Loadmaster® Rackmount Cases provide unmatched impact attenuation and reliability for mission-critical equipment.

MATERIAL	LOADMASTER® RACKMOUNT CASES	COMPETITORS RACKMOUNT
Material	Glass Mat Fiberglass in a Polypropylene Base.	Rotationally Molded LLDPE
Tensile Strength	14,000 PSI	4,000 PSI
Flexural Strength	24,000 PSI	N/A
Flexural Modulus	800,000 PSI	105,000 PSI
Thermal Deflection	310°F	122° F
Payload	Up to 350 lbs.	Up to 150 lbs.
Standard Size	3U - 20U	N/A
Molded-In Fasteners Inserts	Molded-In, Threaded Inserts Eliminating Leak & NBS Paths, Allowing Latches & Handles to Be Fullly Field Replacable	N/A
Features	Ergonomic Handles, Pressure Relief Valve, Gaskets, Fully Field Replacable Handles & Latches, Swivel Stacking Latches	N/A
Standard Options	Clip Nuts, Nutbars, or Square-Hole, Lid Pouches, I/O Panels, Center-Grip Lid Handles, Louvers, L-Bars, 3" Edge Casters, 5"Side-Mount Casters	N/A

TESTING:

Testing including but not limited to requirements listed below in accordance with: MIL-STD-810H, MIL-STD-1472(H)*, ATAA300(19)*

» High / Low Temperature
» Drop Testing
» Vibration
» Loose Cargo Bounce
» Water Submersion
» Fungus Growth
» Low Pressure

* Dependent on how case is equipped

FEATURES:

» 3U to 20U Rack Heights
» Slide-Out or Fixed Inner-Frame
» 20", 24", & 30" Rack Depths
» Interlocking, Modular Stacking
» Four Color Options
» Available Caster Options
» 3" & 5" Lid Depth Options
» Watertight

APPLICATIONS:

» Servers
» Modems
» Routers
» Communications
» UPS
» Sound Equipment

LOADMASTER®
MADE IN USA