### Composite Rack-Mount Cases

#### Overview

General Dynamics’ SATCOM Technologies’ 2400, 2800 and 3400 Series Rack-Mount Cases combine rugged durability with a lightweight design. The cases also have the added utility of slide-mounted 19-inch (48.2 cm) slide-out racks that allow unlimited access to electronic equipment during installation, integration and maintenance. Designed from strong GMT composite material, the extreme stiffness, lightweight and durable properties of the cases enable them to withstand the harshest environments including temperature ranges exceeding -20°F (-29°C) to +185°F (85°C). Available in 24”, 28” and 34” sizes, the cases provide excellent shock and vibration protection for electronic equipment of all types. Maximum sway space inside the enclosure provides the utmost attenuation of impact energy and unequaled shock and vibration protection.

#### Features

- **Durable GMT** (Glass Mat Thermoplastic) composite case exterior
- Slide-out riveted aluminum CEA 310 rack with a maximum of eight multi-axis shock mounts
- 10-32 nut-bar fasteners for optional equipment panels
- Two removable covers and external draw pull latches
- Watertight closures
- Molded-in, case-to-case stacking standard
- Receded hardware
- Available from 3U-14U in rack height with case front-to-back depths of 24” (60.9 cm) and 28.5” (72.3 cm) with rack depths of 20” (50.8 cm) and 24” (60.9 cm).
- Also available in 3U-9U rack heights at 34” (86.4 cm) case front-to-back depth and 30” (76.2cm) rack depth.
- Durable at temperatures exceeding -20°F (-29°C) to +185°F (85°C)
- Designed for equipment weights up to 150 lbs (68.2 kg)
- Series 3400 cases may be custom reinforced to accommodate equipment weights up to 230 lbs (104.5 kg).

#### Specifications

**2400 Series 20” Rack Depth**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Width (in)</th>
<th>Depth (in)</th>
<th>Rack Weight (lbs/kg)</th>
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<tr>
<td>3U</td>
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<td>10.5/4.7</td>
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**3400 Series 20” Rack Depth**

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#### Colors

- Black (Standard)
- Desert Tan (Optional)

#### Custom Features

- Slide-Out Drawer
- Slide-Out Shelf
- Equipment Interface Panel (Entry and Exit)
- Stanching
- Humidity Indicator
- Accessible Shock Indicator
- Lid Options
- 30” (76.2cm) Depth (Standard)
- 35” (83.8cm) Depth (Available as options on the 3U-9U cases only)

#### Design

- General Dynamics SATCOM Technologies Rack-Mount Cases meet all commonly required military standards and specifications for electronic enclosures including MIL-STD-810F Performance Testing.

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**Options**

- Lid Hangers
- Center Grip Handles
- Pouches: Single Lid, Both Lids
- Nut Bars: SAE or Metric
- Black Oxide Coated Stainless Steel is available (Optional)
- All Rack-Mount Case hardware is produced in Stainless Steel (Standard)

**Lid Options**

- 30” (76.2cm) Depth (Standard)
- 35” (83.8cm) Depth (Available as options on the 3U-9U cases only)

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**Features**

- Available from 3U-14U in rack height with case front-to-back depths of 24” (60.9 cm) and 28.5” (72.3 cm) with rack depths of 20” (50.8 cm) and 24” (60.9 cm).
- Also available in 3U-9U rack heights at 34” (86.4 cm) case front-to-back depth and 30” (76.2cm) rack depth.
- Durable at temperatures exceeding -20°F (-29°C) to +185°F (85°C)
- Designed for equipment weights up to 150 lbs (68.2 kg)
- Series 3400 cases may be custom reinforced to accommodate equipment weights up to 230 lbs (104.5 kg).
Maximum sway space inside the cases deliver the ultimate in shock and vibration protection.

Shock and Vibration

Satcom Technologies’ Rack-Mount Cases are the lightest, toughest Rack-Mount enclosures available today. Case depths of 24” (60.9 cm), 28.5” (72.3 cm) and 30” (76.2 cm) are standard with 3” (7.6 cm) standard lids.

Broad Range of Sizes

Watertight GMT Rack-Mount Cases provide protection from moisture, salt spray, sand and dust in the harshest environments.

Total Protection from Harsh Environments

CEA-310-E 19” (48.2 cm) compliant shock mounted interior racks provide multiple equipment mounting capabilities. Sizes are available from 3U-14U in rack height and front-to-back rack depths of 20.00” (50.8 cm), 24.00” (60.9 cm) and 30” (76.2 cm).

CEA-310-E Compliant Equipment Racks

Rack-Mount Cases are manufactured from strong GMT (Glass Mat Thermoplastic) composite, providing extraordinary impact resistance and rugged durability at temperatures which exceed a range of -20° F (-29° C) to +185° F (85° C).

Composite Case Material

Standard 19-inch (48.2 cm) Rack-Mount Cases are designed for equipment weights up to 150 pounds (64.4 kg). With additional shock mounts the 3400 Series cases can be customized to accommodate equipment weighing up to 230 pounds (81.6 kg).

Equipment Weight Range

Composite Rack-Mount Cases