

2400, 2800 and 3400 Series Rackmount Cases

Specifications

2400 Series	Outside Case Dimensions			Case Weight (lbs/kg)	Rack Weight (lbs/kg)	Total Weight (lbs/kg)
	Height (in/cm)	Width (in/cm)	Depth (in/cm)			
3U	9.57/24.31	22.53/57.22	30.0/76.2	27.9/12.68	10.5/4.7	38.4/17.5
4U	11.32/28.75	22.53/57.22	30.0/76.2	29.1/13.23	10.8/4.8	39.9/18.14
5U	13.07/33.20	22.53/57.22	30.0/76.2	30.9/14.05	11.1/5.0	42.0/19.09
6U	14.82/37.64	22.53/57.22	30.0/76.2	34.1/15.5	11.4/5.1	45.5/20.68
7U	16.57/42.09	22.53/57.22	30.0/76.2	36.1/16.41	11.8/5.3	47.9/21.77
8U	18.32/46.53	22.53/57.22	30.0/76.2	37.6/17.09	12.1/5.4	49.7/22.59
9U	20.07/50.98	22.53/57.22	30.0/76.2	39.5/17.95	12.4/5.6	51.9/23.59
10U	21.82/55.42	22.53/57.22	30.0/76.2	41.2/18.73	12.7/5.7	53.9/24.5
11U	23.57/59.87	22.53/57.22	30.0/76.2	43.1/19.59	13.0/5.8	56.1/25.5
12U	25.32/64.31	22.53/57.22	30.0/76.2	45.0/20.45	13.3/6.0	58.3/26.5
13U	27.07/68.76	22.53/57.22	30.0/76.2	46.9/21.32	13.6/6.1	60.5/27.5
14U	28.82/73.20	22.53/57.22	30.0/76.2	48.8/22.18	14.0/6.3	62.8/28.55

2800 Series	Outside Case Dimensions			Case Weight (lbs/kg)	Rack Weight (lbs/kg)	Total Weight (lbs/kg)
	Height (in/cm)	Width (in/cm)	Depth (in/cm)			
3U	9.57/24.31	22.53/57.22	34.50/87.63	29.1/13.23	11.0/4.9	40.1/18.23
4U	11.32/28.75	22.53/57.22	34.50/87.63	30.5/13.86	11.3/5.1	41.8/19
5U	13.07/33.20	22.53/57.22	34.50/87.63	32.3/14.68	11.6/5.2	43.9/19.95
6U	14.82/37.64	22.53/57.22	34.50/87.63	35.5/16.14	11.9/5.3	47.4/21.55
7U	16.57/42.09	22.53/57.22	34.50/87.63	37.6/17.09	12.2/5.5	49.8/22.64
8U	18.32/46.53	22.53/57.22	34.50/87.63	39.0/17.73	12.5/5.6	51.5/23.41
9U	20.07/50.98	22.53/57.22	34.50/87.63	40.8/18.55	12.8/5.8	53.6/24.36
10U	21.82/55.42	22.53/57.22	34.50/87.63	42.4/19.27	13.2/5.9	55.6/25.27
11U	23.57/59.87	22.53/57.22	34.50/87.63	44.2/20.09	13.5/6.1	57.7/26.23
12U	25.32/64.31	22.53/57.22	34.50/87.63	46.0/20.91	13.8/6.2	59.8/27.18
13U	27.07/68.76	22.53/57.22	34.50/87.63	47.8/21.73	14.1/6.3	61.9/28.14
14U	28.82/73.20	22.53/57.22	34.50/87.63	49.6/22.55	14.4/6.5	64.0/29.09

3400 Series	Outside Case Dimensions			Case Weight (lbs/kg)	Rack Weight (lbs/kg)	Total Weight (lbs/kg)
	Height (in/cm)	Width (in/cm)	Depth (in/cm)			
3U	9.57/24.31	22.53/57.22	40.14-101.95	35.2/16	13.9/6.30	49.1/22.32
4U	11.32/28.75	22.53/57.22	40.14-101.95	36.6/16.64	14.2/6.44	50.8/23.09
5U	13.07/33.20	22.53/57.22	40.14-101.95	38.0/17.27	14.4/6.53	52.4/23.82
6U	14.82/37.64	22.53/57.22	40.14-101.95	39.5/17.95	14.7/6.66	54.2/24.64
7U	16.57/42.09	22.53/57.22	40.14-101.95	40.8/18.55	14.9/6.75	55.7/25.32
8U	18.32/46.53	22.53/57.22	40.14-101.95	42.2/19.18	15.2/6.89	57.4/26.09
9U	20.07/50.98	22.53/57.22	40.14-101.95	45.3/20.59	15.5/7.03	60.8/27.64

Options

Colors
Black (Standard)
Green (Optional)
Desert Tan (Optional)

Hardware Material
All Rackmount Case hardware is produced in Stainless Steel (Standard)
Black Oxide Coated Stainless Steel is available (Optional)

Optional Hardware Fixtures
Nut Bars SAE or Metric
Casters
Lift Rings
Stacking Latches

Lid Options
3" (7.6 cm) Depth (Standard)
5" (12.7 cm) Depth (Available as options on the 3U-9U cases only)
Pouches Single Lid, Both Lids
Lid Hangers
Lid Handles

Equipment Options
Slide-Out Drawer
Slide-Out Shelf
Equipment Interface Panel (Entry and Exit)
Slide-Out Work Surface
AC Power Panel
Fan(s) on Mounting Plate
Stenciling
Humidity Indicator
Accessible Shock Indicator
ID Plate

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

Composite Rackmount Cases

24" (60.9 cm), 28" (71.1 cm) and 34" (86.3cm) Transit Cases



Description

General Dynamics SATCOM Technologies' 2400, 2800 and 3400 Series Rackmount Cases provide exceptional equipment protection with the added utility of slide-mounted 19-inch (48.2 cm) racks. Slide-out racks allow unlimited access to electronic equipment during installation, integration and maintenance.

The Rackmount Cases are manufactured from SATCOM Technologies strong GMT (Glass Mat Thermoplastic) composite material. GMT's extreme stiffness, lightweight and high impact-absorbing qualities have made it the composite material of choice for impact-absorbing automotive components. SATCOM Technologies' GMT case shells provide extraordinary impact resistance and rugged durability at temperature ranges exceeding -20° F (-53.88° C) to +185° F (85° C).

Rugged and Versatile: Designed to be lightweight and durable, the Rackmount Cases meet or exceed all MIL-STD-810F performance testing for electronic enclosures to withstand the effects of the harshest environments.

Optimum Protection:—The General Dynamics 2400, 2800 and 3400 Series Rackmount 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 Minimum of Eight Multi-Axis Shock Mounts
- 10-32 Nut-Bar Fasteners for Optional Equipment Panels
- Two Removable Covers
- External Draw Pull Latches
- Watertight Closures
- Molded-in, Case-to-Case Stacking Standard
- Recessed 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 (-53.88° C) to +185° F (85° C)
- Designed for Equipment Weights up to 120 lbs (54.4 kg) Standard
- Series 3400 Cases May be Custom Reinforced to Accommodate Equipment Weights up to 180 lbs (81.6 kg). Maximum Payload Weight is 240 Lbs (108.8 kg).

Molded-in, Case-to-Case Stacking

External Draw Pull Latches

Watertight Closures

Removable Covers 3" (7.6 cm) or 5" (12.7 cm) Depth

10-32 Nut-Bar Fasteners for Optional Equipment Panels

GENERAL DYNAMICS

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2400, 2800 and 3400 Series Rackmount Cases

Shock and Vibration

Maximum sway space inside the cases deliver the ultimate in shock and vibration protection.



Broad Range of Sizes

Satcom Technologies' Rackmount Cases are the lightest, toughest rackmount enclosures available today. Case depths of 24.00" (60.9 cm) or 28.50" (72.3 cm) are standard with 3" (7.6 cm) standard lids. 5" (12.7 cm) optional lids are available on 3U to 9U cases.



Composite Case Material

Rackmount 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 (-53.88° C) to +185° F (85° C)



Total Protection from Harsh Environments

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



CEA-310-E Compliant Equipment Racks

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" (72.6cm).



Equipment Weight Range

Standard 19-inch (48.2 cm) Rackmount Cases are designed for equipment weights up to 120 pounds (54.4 kg). With additional shock mounts the 3400 Series cases can be customized to accommodate equipment weighing up to 180 pounds (81.6 kg).

