

SatRack

A lightweight 19" rack case

Designed for ENG personnel who need their electronic equipment to arrive when they do, SatRack is a lightweight solution that can be hand carried on commercial airlines as checked luggage, saving time and avoiding additional baggage charges.

The weight restriction for checked baggage on commercial airlines is 23 kg (without premium) up to a maximum of 32 kg. The 4U x 480 mm (internal) chassis depth rack weighs only 8 kg allowing an additional 24 kg of equipment to be fitted.



The outer cover is made from 1000 denier texturised nylon, an abrasion and weather resistant material that is tear proof and will not rot. Ventilation panels help to keep equipment cool during operation in warmer climates with protective, velcro-fastened cover flaps for transportation.

To protect equipment against shock and vibration, the internal 19" chassis is shock mounted on 8 elastomeric anti vibration mounts. These are set at a 45° angle to offer optimum shock resistance during handling and transit conditions.



The body shell is constructed from thermo-formed 10 mm honeycomb polypropylene (HPP). HPP has a high strength to weight ratio and is non-crushable. Thermo-forming does not crimp the HPP, giving the angled edges longitudinal strength and rigidity with a stacking capability of 100 kg.

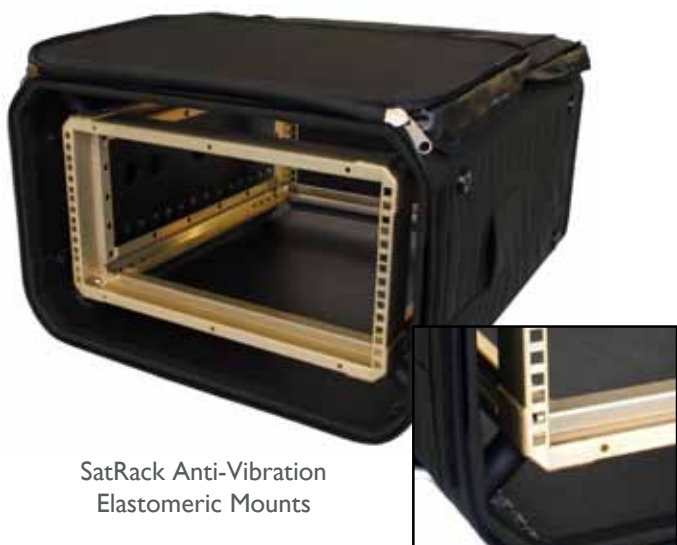
The HPP body shell is encased within a 3mm HDPE foam jacket which helps to insulate the rack and offers cushioning to create a 'carry friendly' piece of ruggedised luggage. HDPE foam is closed cell, alkaline and oil resistant and impervious to the elements.

STANDARD SIZES						
Part Code	U Height	Internal Chassis Depth	External Dimensions (mm)			Weight (kg)
			L	W	H	
SR0348	3U	480 mm	610	665	274	7.3
SR0448	4U	480 mm	610	665	319	8.0
SR0548	5U	480 mm	610	665	363	8.7
SR0361	3U	610 mm	740	665	274	7.9
SR0461	4U	610 mm	740	665	319	9.1
SR0561	5U	610 mm	740	665	363	9.35
SR0348HR	3U	480 mm	610	443	274	6.6
SR0448HR	4U	480 mm	610	443	319	7.3
SR0548HR	5U	480 mm	610	443	363	8.0
SR0361HR	3U	610 mm	740	443	274	7.2
SR0461HR	4U	610 mm	740	443	319	8.4
SR0561HR	5U	610 mm	740	443	363	8.65

OPTIONAL ACCESSORIES		
Part Code	Description	
SR03S	Front and rear skirt for 3U SatRack	
SR04S	Front and rear skirt for 4U SatRack	
SR05S	Front and rear skirt for 5U SatRack	
SR03SHR	Front and rear skirt for 3U SatRack HR	
SR04SHR	Front and rear skirt for 4U SatRack HR	
SR05SHR	Front and rear skirt for 5U SatRack HR	
SRT001	SatRack Trolley	
SRF01	Large Fan	
SRF02	Small Fan	
SRLH01	Transparent Label Holder	
SR423	Spare Rack Fixings	

SatRack

- This unique rack case is fully compatible with all 19 inch rack-mountable equipment and is also available with a 1/2 rack chassis width (9.5 inch).
- The rack chassis is supplied with stainless steel captive M6 caged nuts allowing easy fitting of equipment.
- As a rack case, equipment does not need to be unpacked and can be easily configured to be operational quickly after arrival.
- The aluminium chassis is suspended by eight elastomeric anti vibration mounts which provide 40 mm of "sway" space between the rack and body shell.
- Heavy duty flag stitching around handles resists tearing under strain.



SatRack Anti-Vibration Elastomeric Mounts

Additional options include:

- Wide range of optional colours available (standard black available for Quickship in 7 days).
- Additional ventilation can be provided by small axial fans.
- Optional protective skirt prevents the ingress of dirt combined with axial fans the fitted skirt helps to control airflow through the case.
- Optional trolley is available for easy transit through airports.

IATA Weight & Size Guidelines:



Checked baggage is accepted according to weight and size.

Each piece must weigh no more than 32 kilos (70 lb) and measure no more than 158 cm (62 in) adding the dimensions: height + width + length.

This "piece concept" was designed for flights to, from and within Canada and USA, but has been adopted by major carriers worldwide.

SatRack 4U x 480 mm chassis depth weighs only 8 kg allowing an additional 24 kg of equipment to be fitted and stay inside the limit. It also meets the dimensional requirement.

SatRack has been successfully deployed by leading **ENG** organisations and the military including **BBC, Sky, ABC, CBS News, Vislink, Schlumberger** and **Qinetiq.**



Special 1/2 size SatRack



cpcases 

Unit 11, Worton Hall Ind Est,
Worton Road, Isleworth,
Middlesex, TW7 6ER England
Tel: +44 (0) 20 8568 1881
Fax: +44 (0) 20 8568 1141
E-mail – info@cpcases.com
Website – www.cpcases.com

